

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043510.D
 Acq On : 25 Oct 2024 09:48
 Operator : JC/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 23:54:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 25 23:53:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	304902	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	273492	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	127431	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	81824	49.332	ug/L	0.00
7) Chloroethane-d5	1.666	69	66122	49.780	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	38760	49.486	ug/L	0.00
21) 2-Butanone-d5	4.452	46	143970	104.204	ug/L	0.00
24) Chloroform-d	5.056	84	193050	50.324	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	127333	49.401	ug/L	0.00
32) Benzene-d6	5.970	84	344730	49.655	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	109162	50.511	ug/L	0.00
41) Toluene-d8	8.647	98	313575	49.334	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	56499	49.692	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	111927	104.423	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	160263	49.813	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	114240	49.391	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	115494	48.771	ug/L	100
3) Chloromethane	1.300	50	104935	48.177	ug/L	100
5) Vinyl chloride	1.374	62	105281	48.895	ug/L	100
6) Bromomethane	1.605	94	67862	53.395	ug/L	100
8) Chloroethane	1.691	64	62799	49.186	ug/L	100
9) Trichlorofluoromethane	1.886	101	156757	48.799	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	93134	48.415	ug/L	100
12) 1,1-Dichloroethene	2.318	96	84293	50.014	ug/L	100
13) Acetone	2.379	43	118255	94.011	ug/L	100
14) Carbon disulfide	2.514	76	203694	49.141	ug/L	100
15) Methyl Acetate	2.703	43	115576	49.358	ug/L	100
16) Methylene chloride	2.788	84	95471	48.905	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	86160	48.614	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	326688	49.618	ug/L	100
19) 1,1-Dichloroethane	3.611	63	171466	49.072	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	104856	49.587	ug/L	100
22) 2-Butanone	4.556	43	163772	98.889	ug/L	100
23) Bromochloromethane	4.897	128	53583	48.368	ug/L	100
25) Chloroform	5.092	83	185442	49.018	ug/L	100
27) 1,2-Dichloroethane	6.086	62	150367	49.007	ug/L	100
29) Cyclohexane	5.464	56	153454	48.997	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	165180	48.967	ug/L	100
31) Carbon tetrachloride	5.678	117	140138	48.396	ug/L	100
33) Benzene	6.037	78	364789	48.889	ug/L	100
34) Trichloroethene	7.122	95	100142	48.865	ug/L	100
35) Methylcyclohexane	7.379	83	154064	48.856	ug/L	100
37) 1,2-Dichloropropane	7.427	63	98638	49.617	ug/L	100
38) Bromodichloromethane	7.817	83	136081	49.721	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	163888	49.872	ug/L	100
40) 4-Methyl-2-pentanone	8.567	43	309324	99.865	ug/L	100
42) Toluene	8.714	91	388191	49.148	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	156077	50.719	ug/L	100

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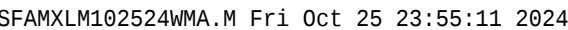
Instrument :
 MSVOA_X
 ClientSampleId :

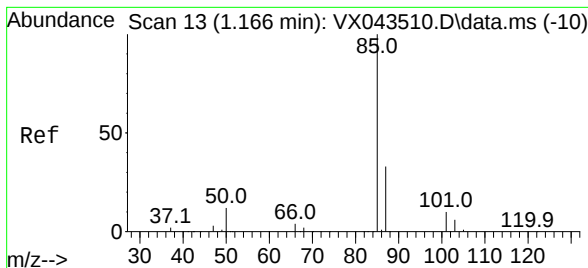
Quant Time: Oct 25 23:54:59 2024
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 Quant Title : VOC Analysis
 QLast Update : Fri Oct 25 23:53:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	100611	49.155	ug/L	100
46) Tetrachloroethene	9.268	164	71780	48.865	ug/L	100
48) 2-Hexanone	9.427	43	233464	98.673	ug/L	100
49) Dibromochloromethane	9.518	129	102004	50.350	ug/L	100
50) 1,2-Dibromoethane	9.610	107	106924	48.895	ug/L	100
51) Chlorobenzene	10.079	112	252883	48.492	ug/L	100
52) Ethylbenzene	10.189	91	431977	48.751	ug/L	100
53) m,p-Xylene	10.299	106	162970	49.189	ug/L	100
54) o-Xylene	10.640	106	162787	49.059	ug/L	100
55) Styrene	10.652	104	277241	49.729	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.207	83	157585	48.790	ug/L	100
59) Bromoform	10.799	173	69614	50.648	ug/L	100
60) Isopropylbenzene	10.957	105	434078	49.578	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	126152	49.819	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	360209	50.154	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	356509	49.581	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	185833	48.898	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	187206	48.379	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	184140	48.733	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	36257	50.498	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	127584	49.966	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	117372	49.076	ug/L	100
71) Naphthalene	13.774	128	449902	49.824	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	115036	48.073	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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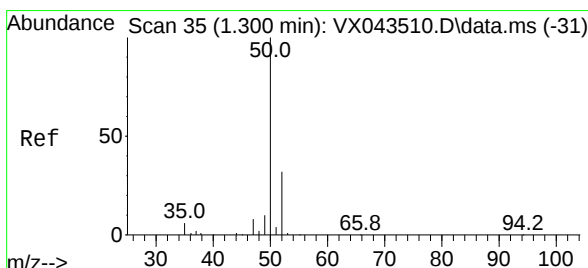
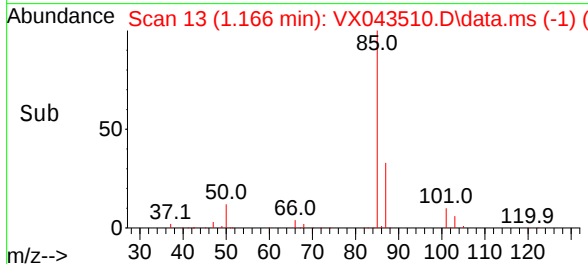
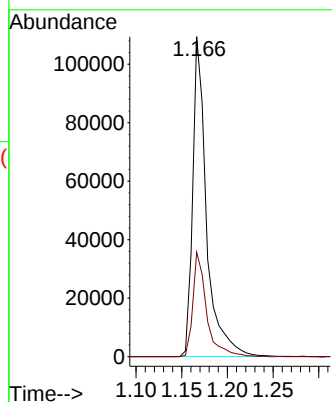
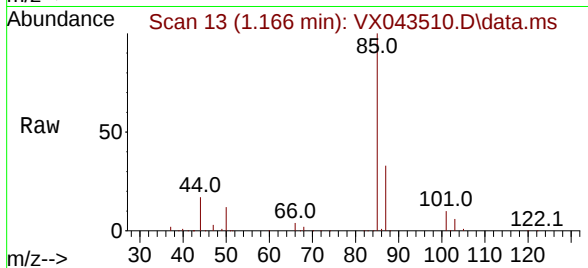




#2
 Dichlorodifluoromethane
 Concen: 48.771 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX043510.D
 Acq: 25 Oct 2024 09:48

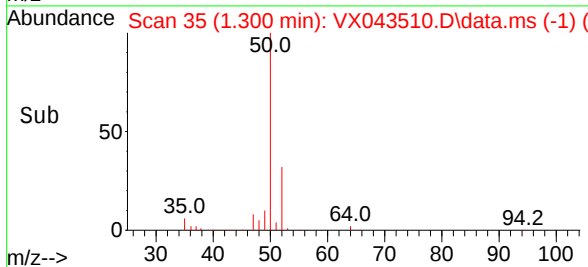
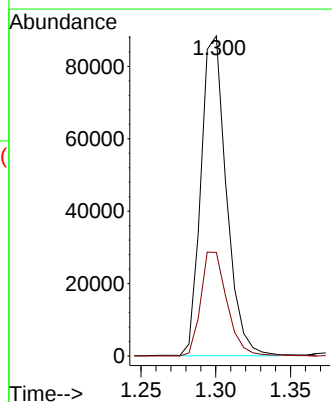
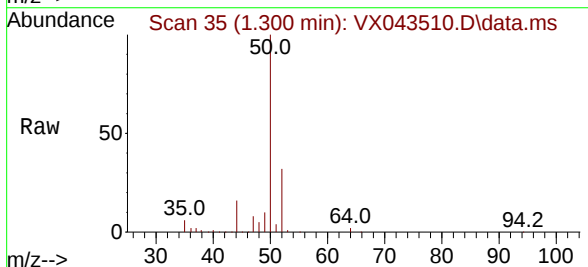
Instrument :
 MSVOA_X
 ClientSampleId :

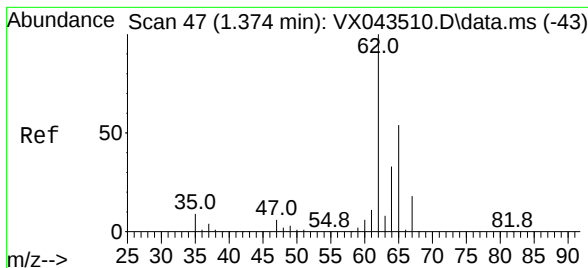
Tgt Ion: 85 Resp: 115494
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 48.177 ug/L
 RT: 1.300 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX043510.D
 Acq: 25 Oct 2024 09:48

Tgt Ion: 50 Resp: 104935
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.6 42.0





#5

Vinyl chloride

Concen: 48.895 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

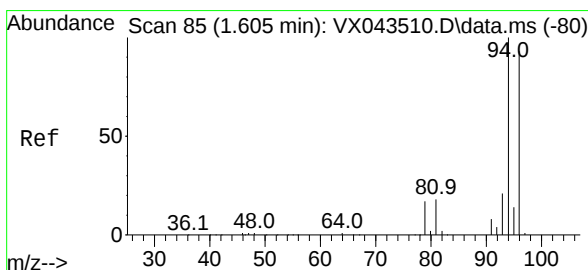
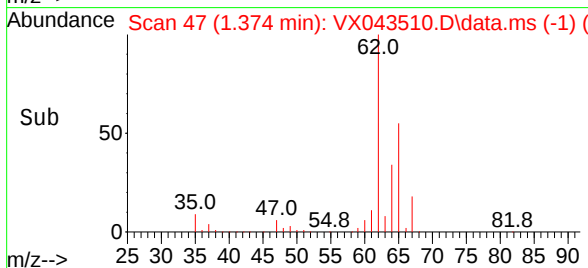
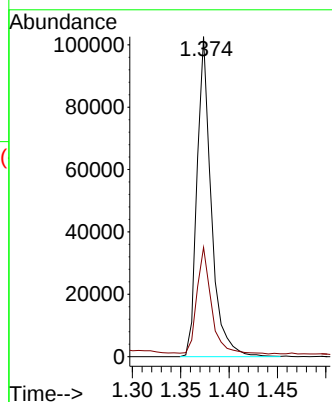
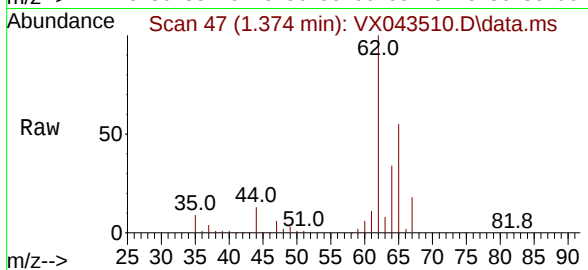
ClientSampleId :

Tgt Ion: 62 Resp: 105281

Ion Ratio Lower Upper

62 100

64 34.2 23.9 44.5



#6

Bromomethane

Concen: 53.395 ug/L

RT: 1.605 min Scan# 85

Delta R.T. 0.000 min

Lab File: VX043510.D

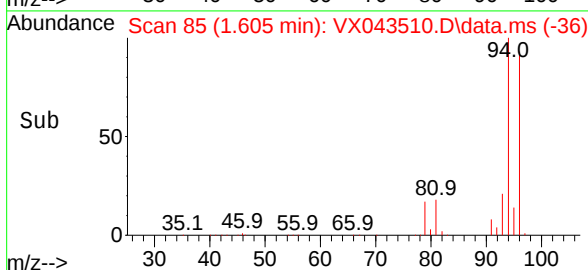
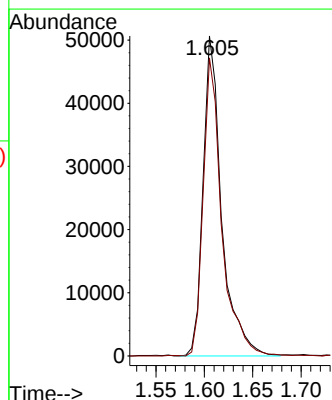
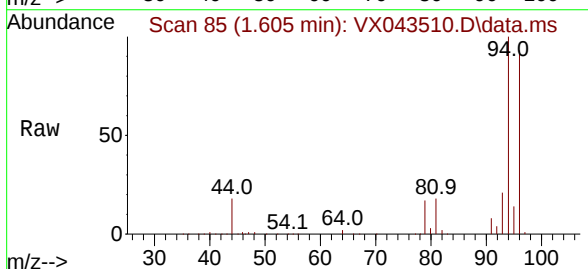
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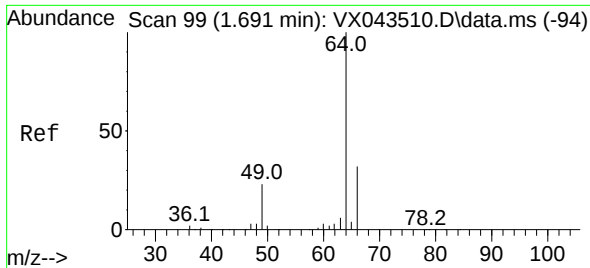
Tgt Ion: 94 Resp: 67862

Ion Ratio Lower Upper

94 100

96 93.2 65.2 121.2

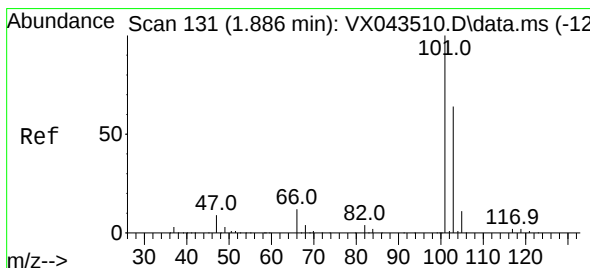
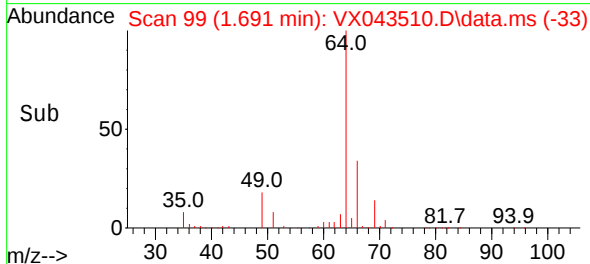
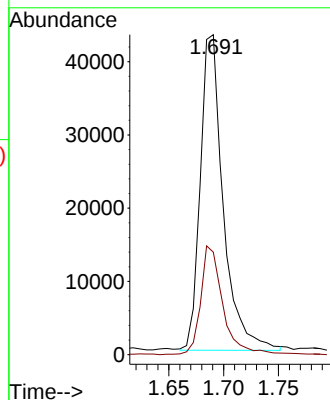
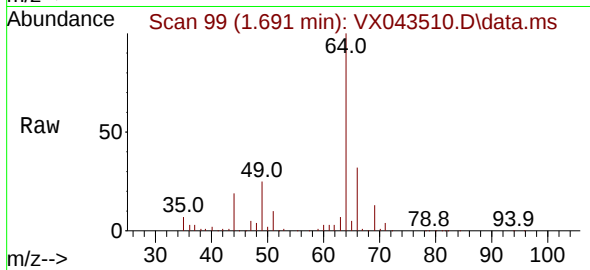




#8
 Chloroethane
 Concen: 49.186 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: VX043510.D
 Acq: 25 Oct 2024 09:48

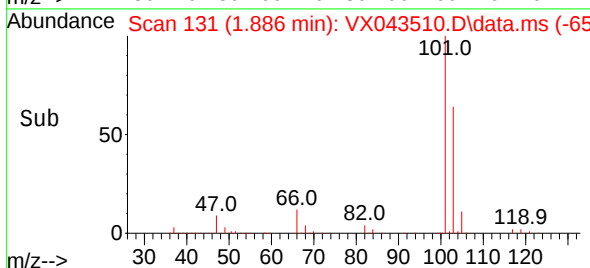
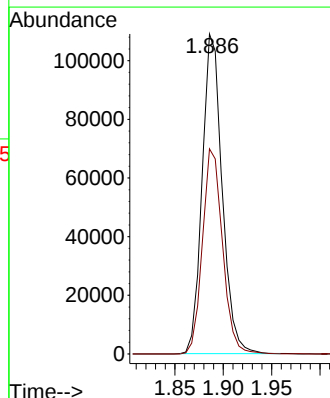
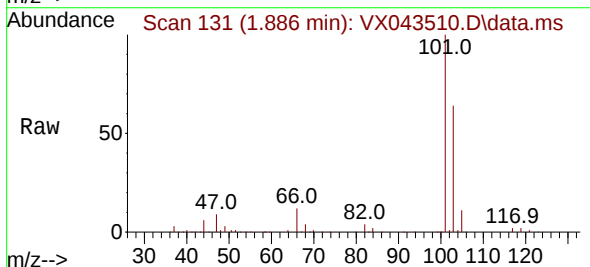
Instrument :
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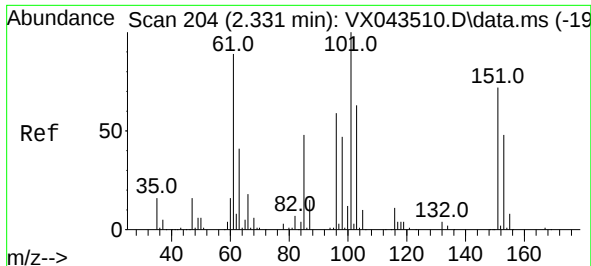
Tgt Ion: 64 Resp: 62799
 Ion Ratio Lower Upper
 64 100
 66 32.1 22.5 41.7



#9
 Trichlorofluoromethane
 Concen: 48.799 ug/L
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX043510.D
 Acq: 25 Oct 2024 09:48

Tgt Ion:101 Resp: 156757
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5

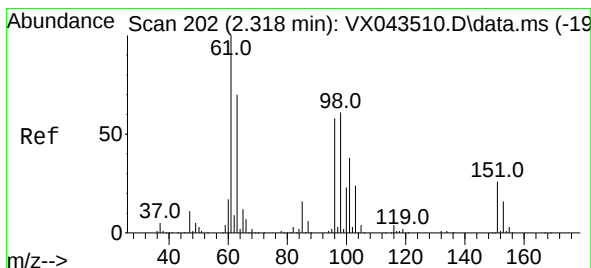
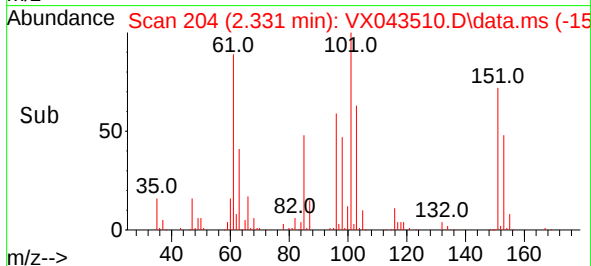
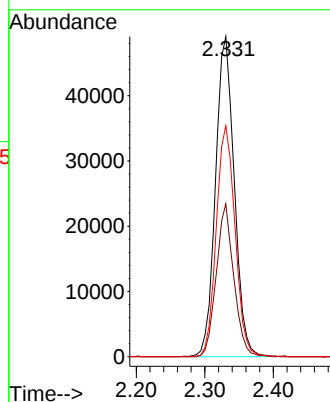
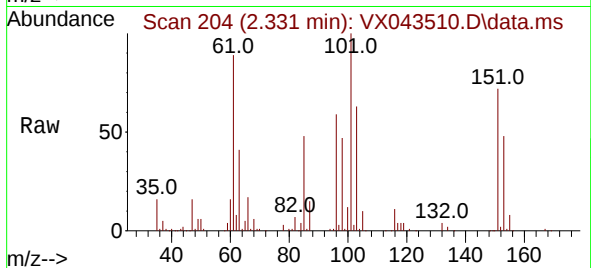




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.415 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

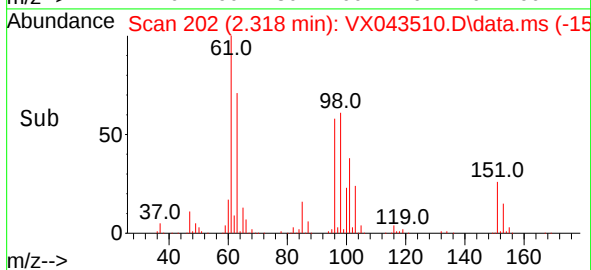
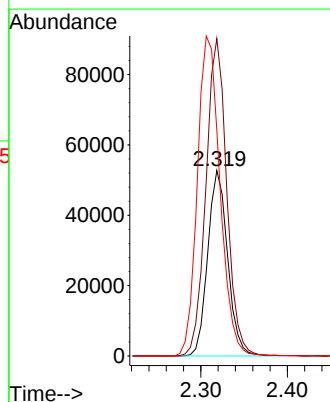
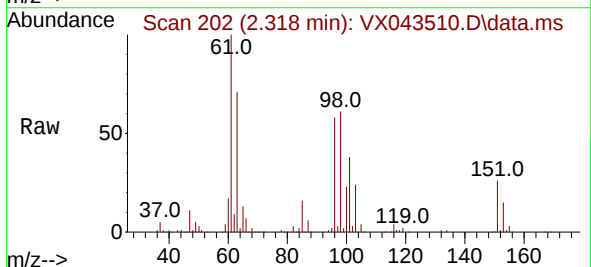
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ClientSampleId :

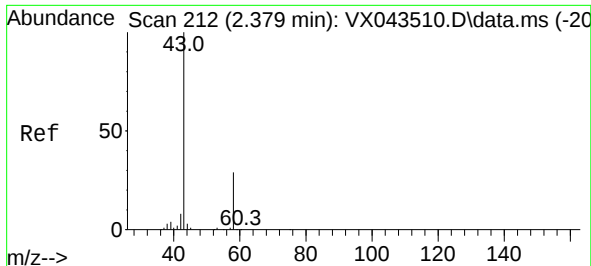
Tgt Ion:101 Resp: 93134
Ion Ratio Lower Upper
101 100
85 44.5 35.6 53.4
151 72.1 57.7 86.5



#12
1,1-Dichloroethene
Concen: 50.014 ug/L
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

Tgt Ion: 96 Resp: 84293
Ion Ratio Lower Upper
96 100
61 171.2 119.8 222.6
63 121.5 85.0 158.0





#13

Acetone

Concen: 94.011 ug/L

RT: 2.379 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

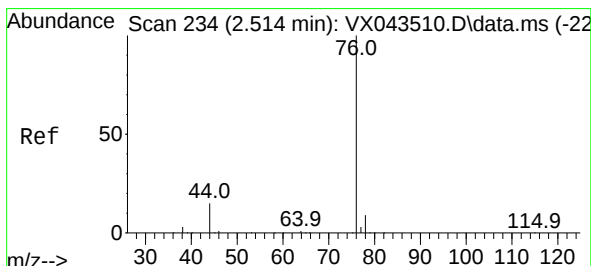
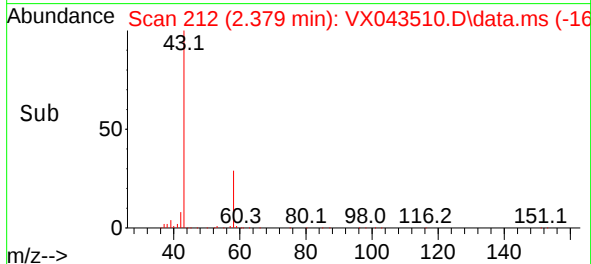
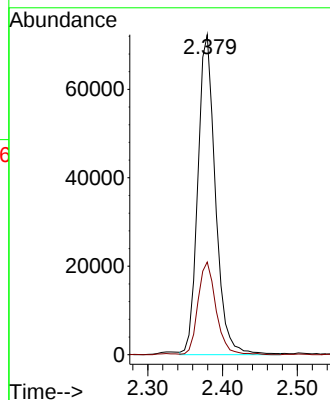
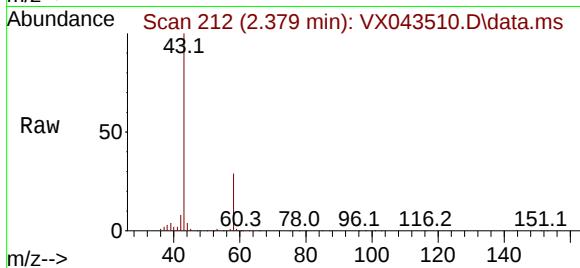
ClientSampleId :

Tgt Ion: 43 Resp: 118255

Ion Ratio Lower Upper

43 100

58 29.6 0.0 59.2



#14

Carbon disulfide

Concen: 49.141 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX043510.D

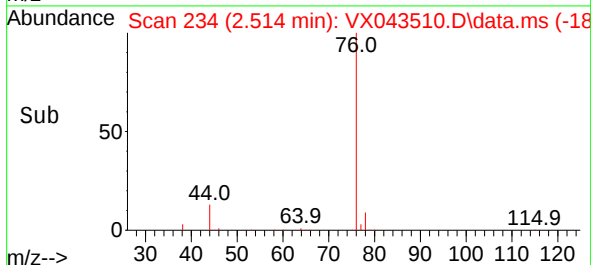
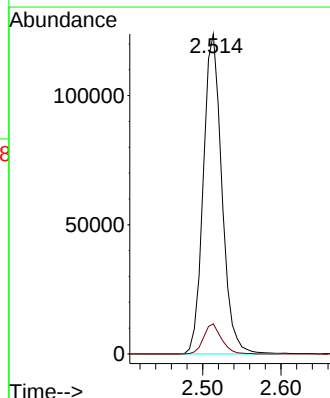
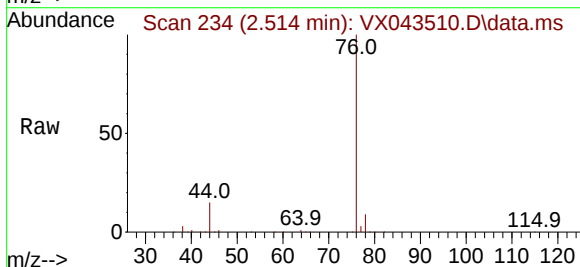
Acq: 25 Oct 2024 09:48

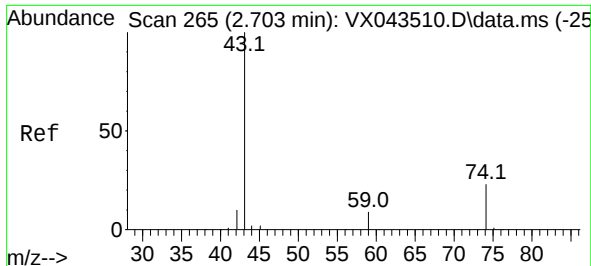
Tgt Ion: 76 Resp: 203694

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 49.358 ug/L

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

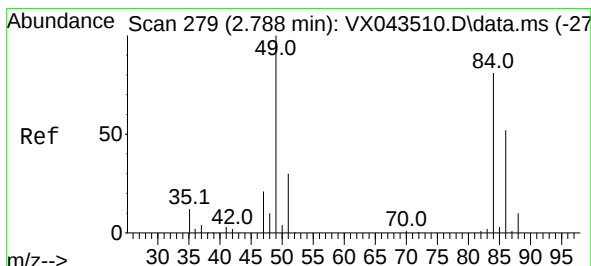
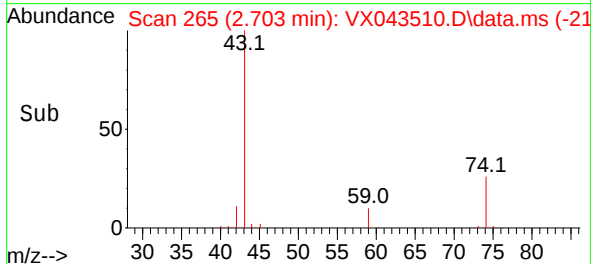
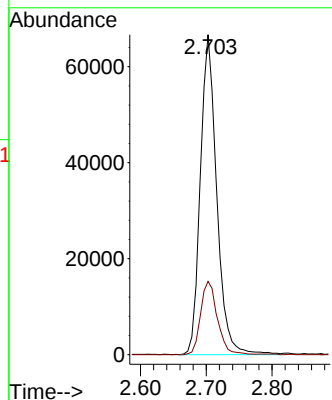
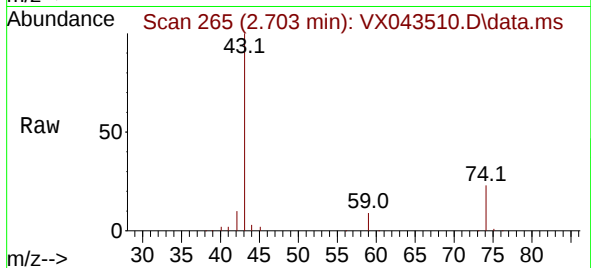
ClientSampleId :

Tgt Ion: 43 Resp: 115576

Ion Ratio Lower Upper

43 100

74 23.4 18.7 28.1



#16

Methylene chloride

Concen: 48.905 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

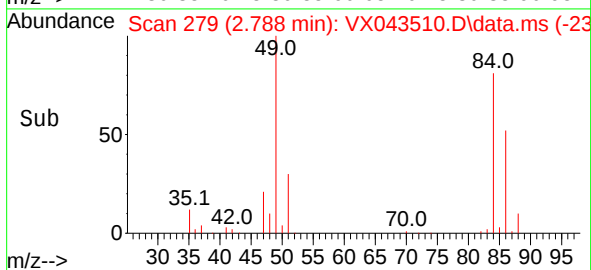
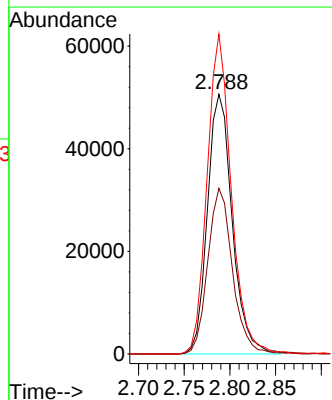
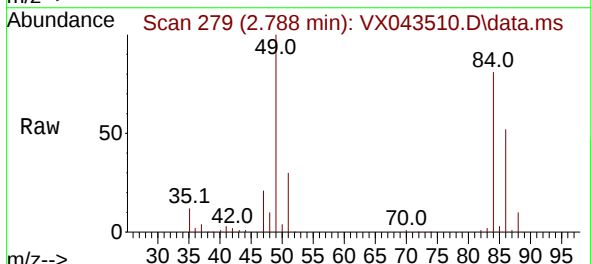
Tgt Ion: 84 Resp: 95471

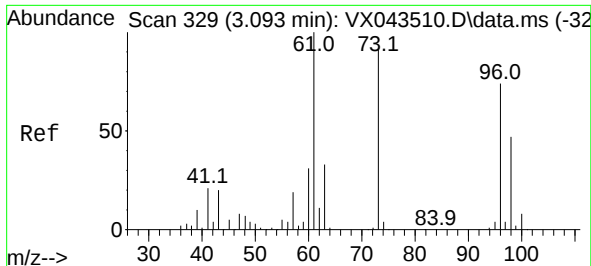
Ion Ratio Lower Upper

84 100

86 63.8 44.7 82.9

49 123.2 86.2 160.2





#17

trans-1,2-Dichloroethene

Concen: 48.614 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

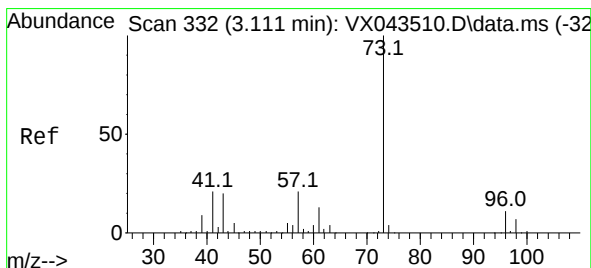
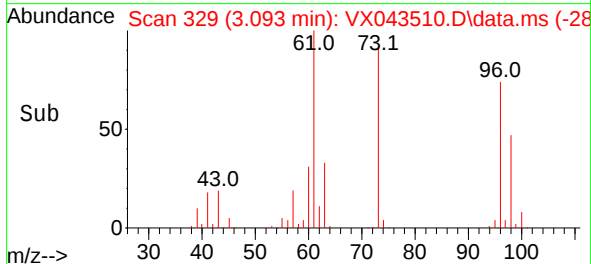
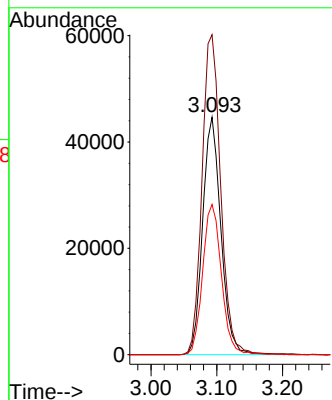
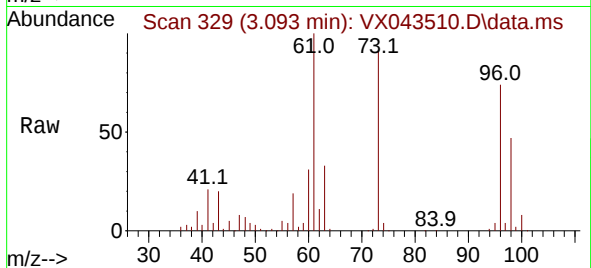
Tgt Ion: 96 Resp: 86160

Ion Ratio Lower Upper

96 100

61 134.7 94.3 175.1

98 63.3 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 49.618 ug/L

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

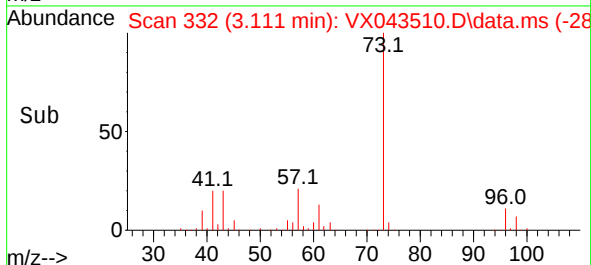
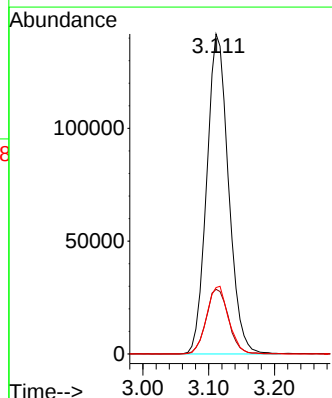
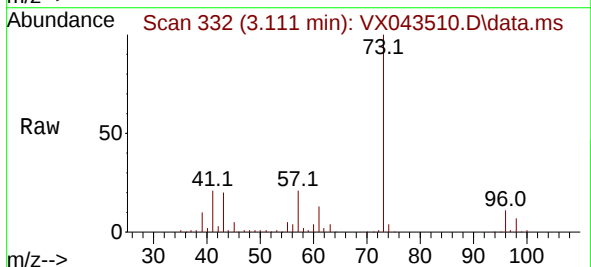
Tgt Ion: 73 Resp: 326688

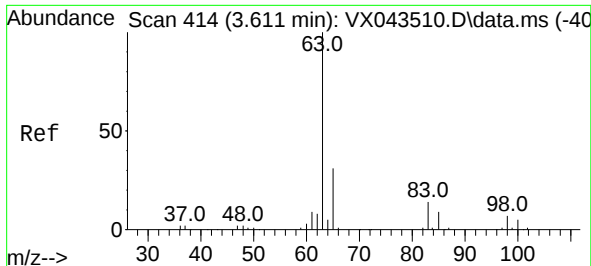
Ion Ratio Lower Upper

73 100

43 20.9 16.7 25.1

57 21.3 17.0 25.6





#19

1,1-Dichloroethane

Concen: 49.072 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

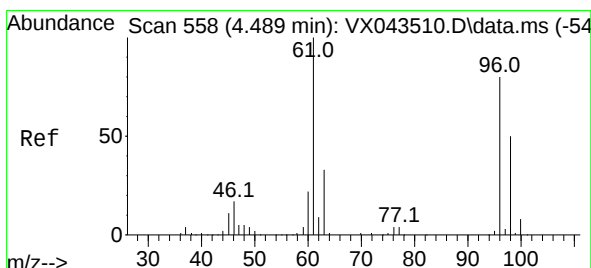
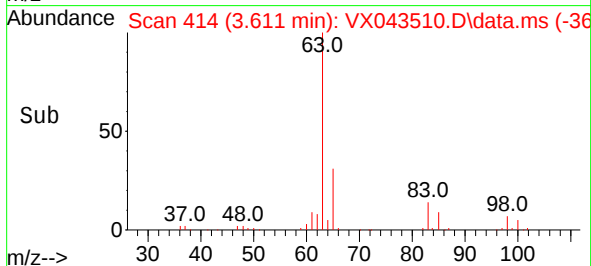
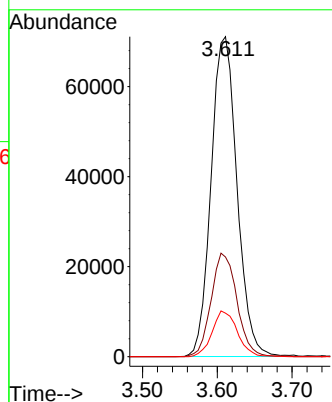
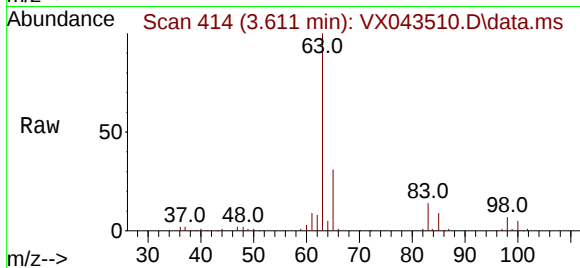
Tgt Ion: 63 Resp: 171466

Ion Ratio Lower Upper

63 100

65 31.2 21.8 40.6

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 49.587 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

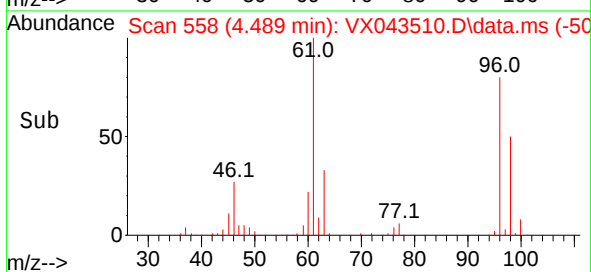
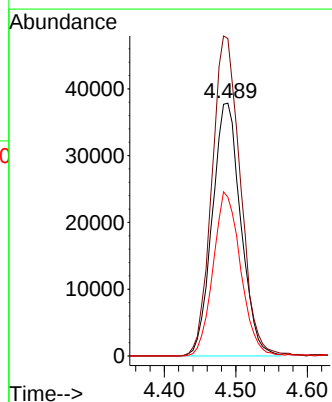
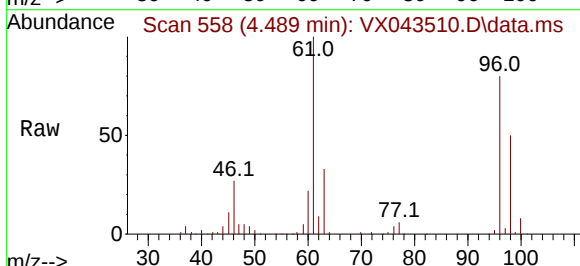
Tgt Ion: 96 Resp: 104856

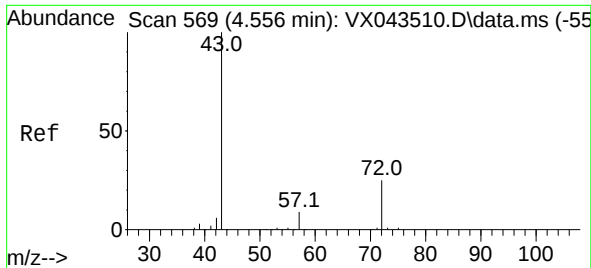
Ion Ratio Lower Upper

96 100

61 125.6 87.9 163.3

98 62.8 44.0 81.6

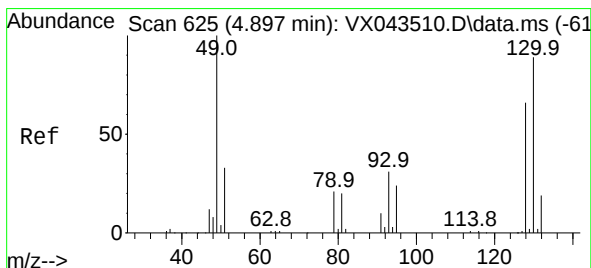
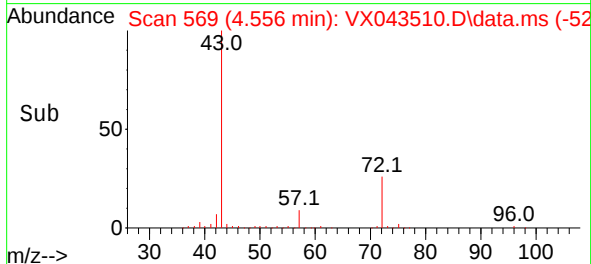
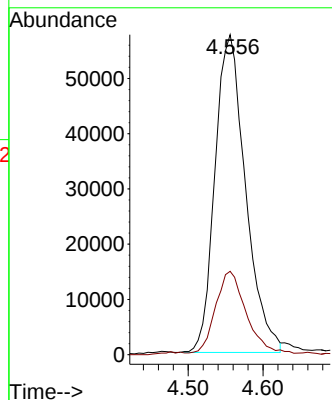
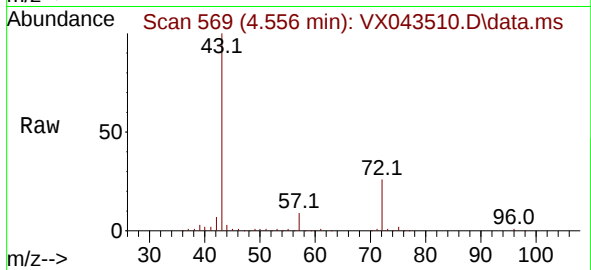




#22
2-Butanone
Concen: 98.889 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

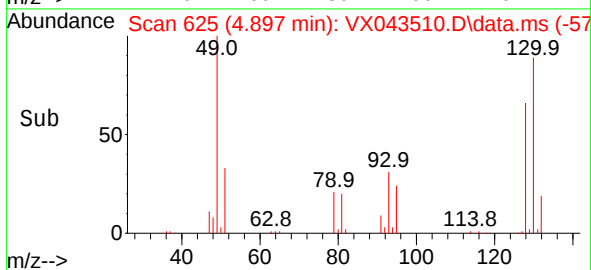
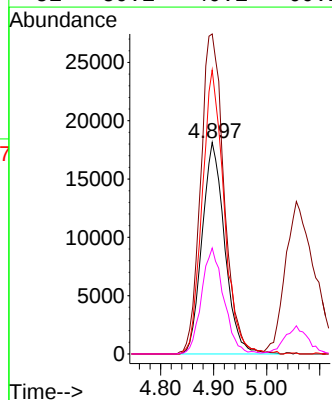
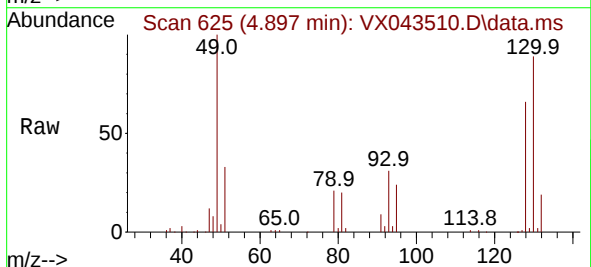
Instrument :
MSVOA_X
ClientSampleId :

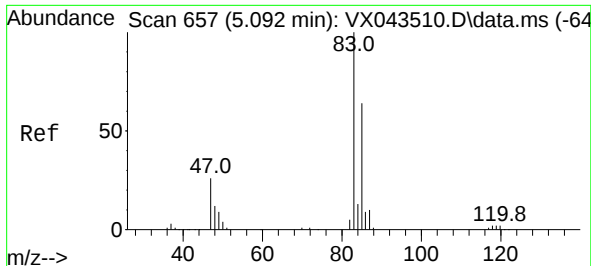
Tgt Ion: 43 Resp: 163772
Ion Ratio Lower Upper
43 100
72 26.7 13.4 40.1



#23
Bromochloromethane
Concen: 48.368 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

Tgt Ion: 128 Resp: 53583
Ion Ratio Lower Upper
128 100
49 151.3 105.9 196.7
130 134.3 94.0 174.6
51 50.1 40.1 60.1





#25

Chloroform

Concen: 49.018 ug/L

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

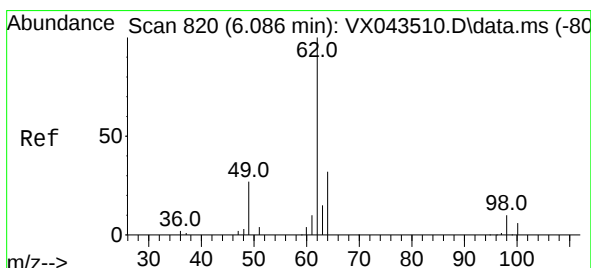
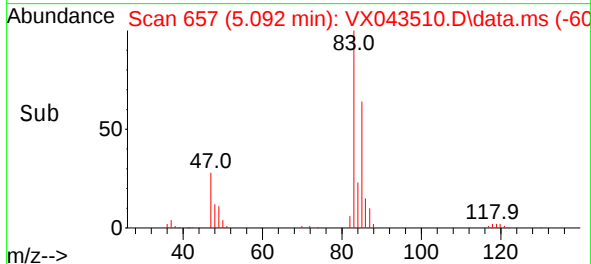
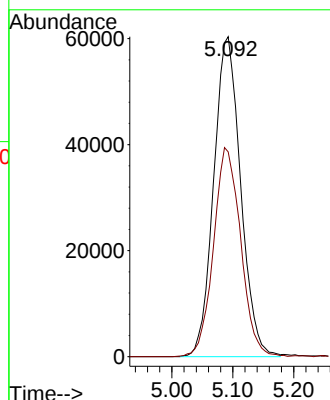
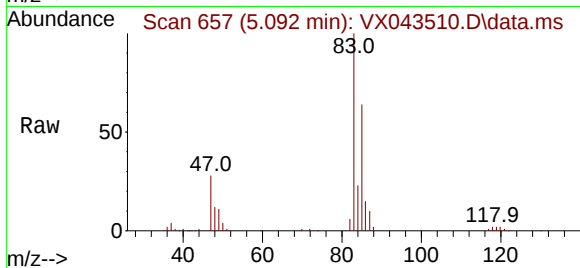
ClientSampleId :

Tgt Ion: 83 Resp: 185442

Ion Ratio Lower Upper

83 100

85 64.0 44.8 83.2



#27

1,2-Dichloroethane

Concen: 49.007 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX043510.D

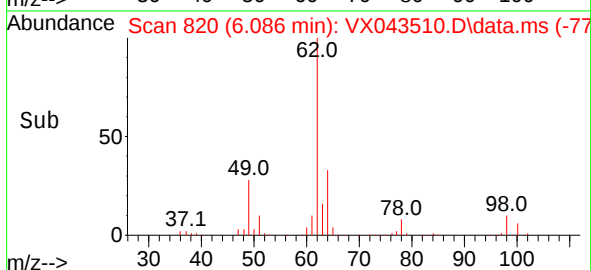
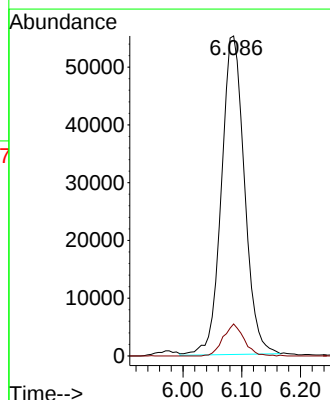
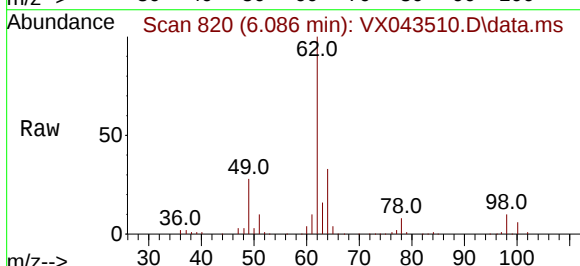
Acq: 25 Oct 2024 09:48

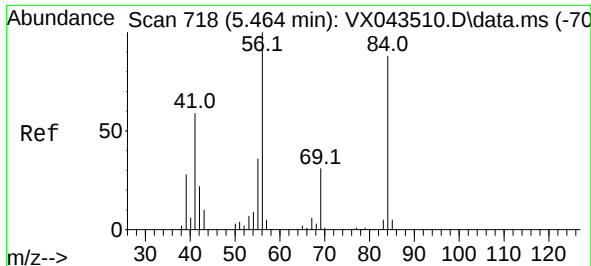
Tgt Ion: 62 Resp: 150367

Ion Ratio Lower Upper

62 100

98 10.0 8.0 12.0





#29

Cyclohexane

Concen: 48.997 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

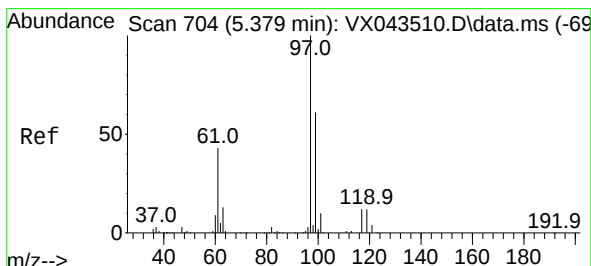
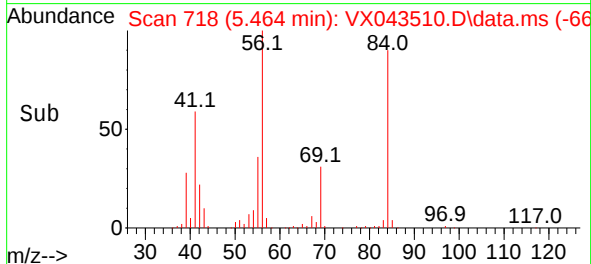
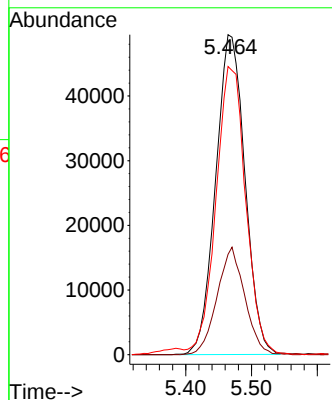
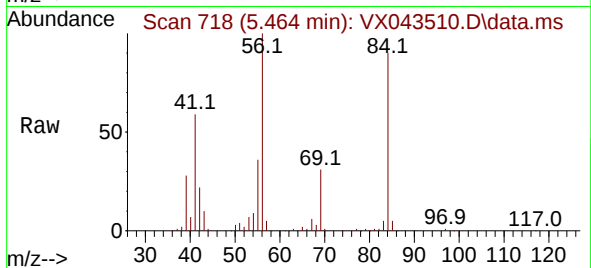
Tgt Ion: 56 Resp: 153454

Ion Ratio Lower Upper

56 100

69 31.6 25.3 37.9

84 91.1 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 48.967 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

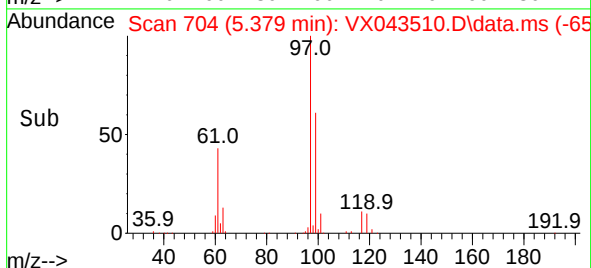
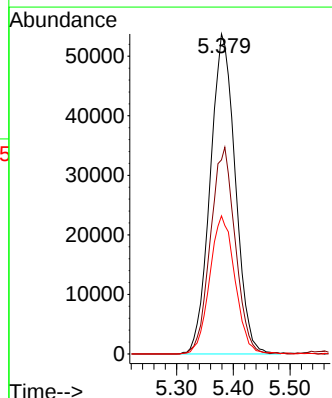
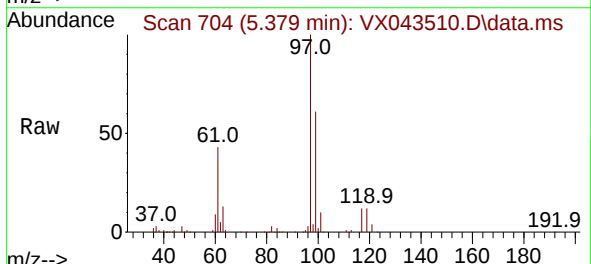
Tgt Ion: 97 Resp: 165180

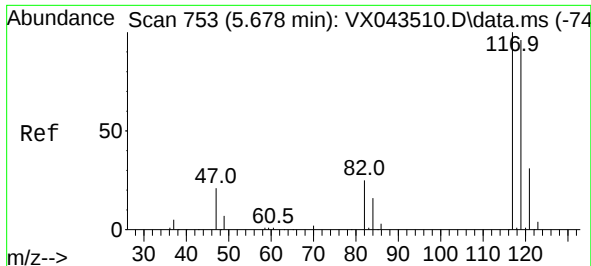
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 43.3 34.6 52.0

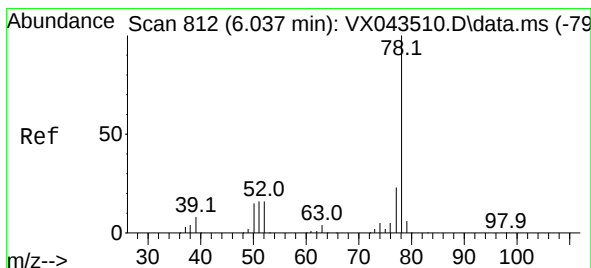
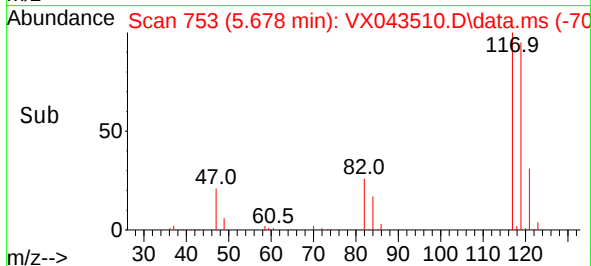
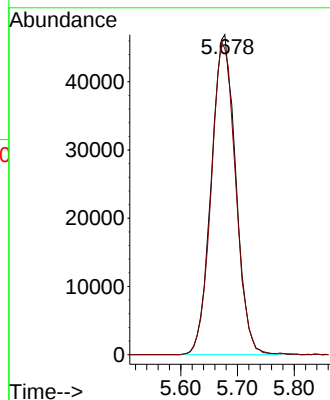
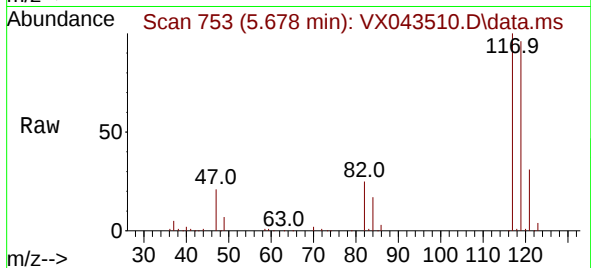




#31
Carbon tetrachloride
Concen: 48.396 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

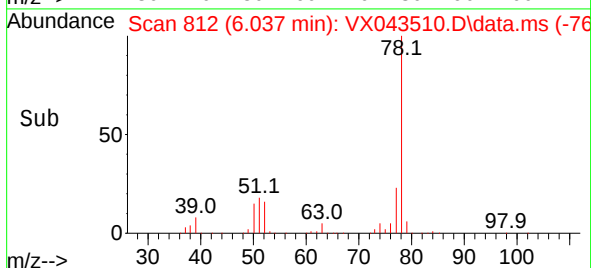
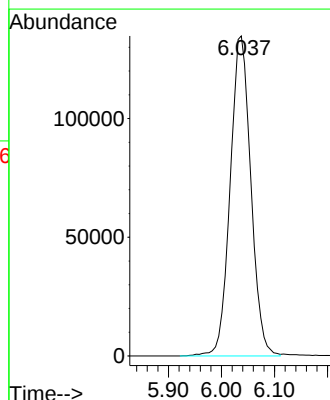
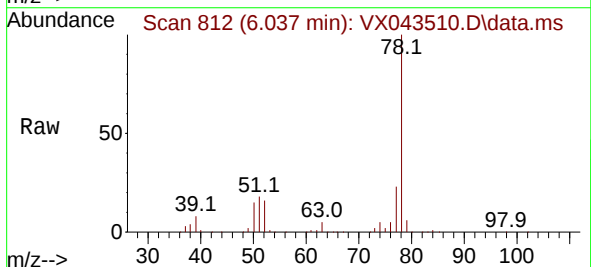
Instrument :
MSVOA_X
ClientSampleId :

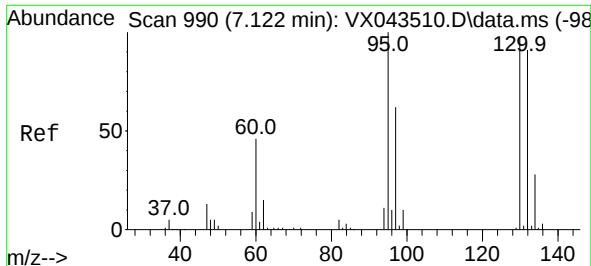
Tgt Ion:117 Resp: 140138
Ion Ratio Lower Upper
117 100
119 97.5 78.0 117.0



#33
Benzene
Concen: 48.889 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

Tgt Ion: 78 Resp: 364789

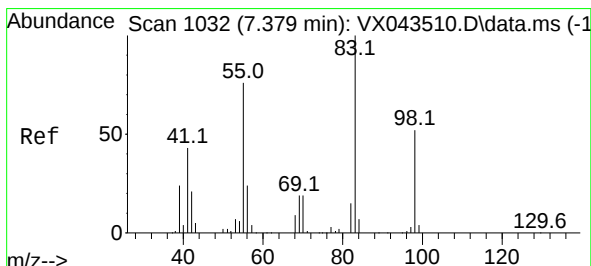
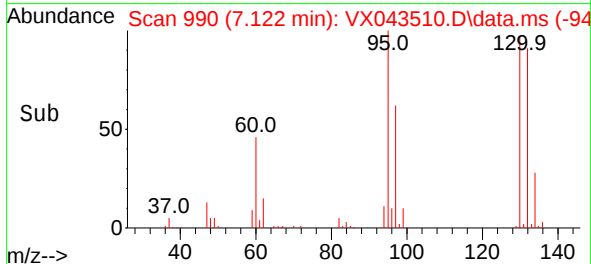
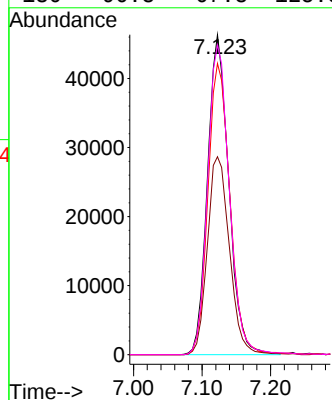
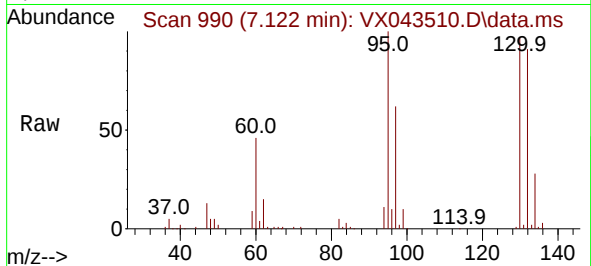




#34
Trichloroethene
Concen: 48.865 ug/L
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

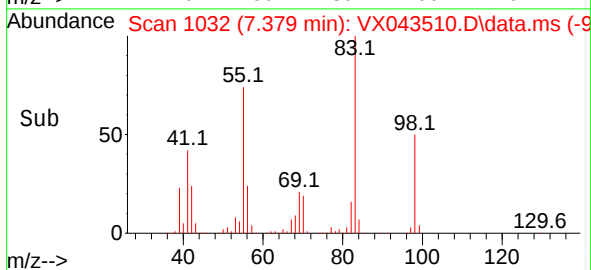
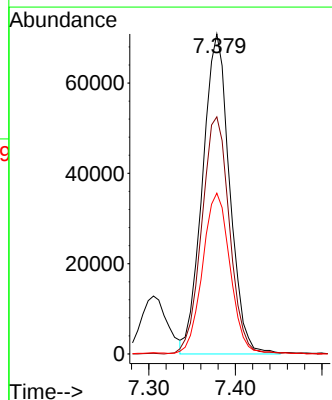
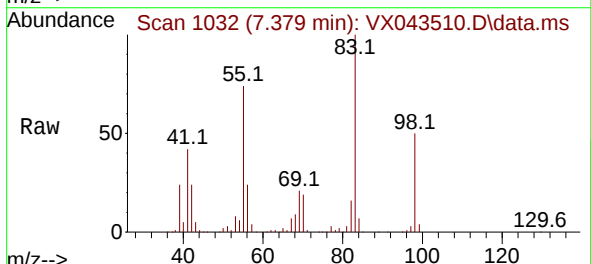
Instrument :
MSVOA_X
ClientSampleId :

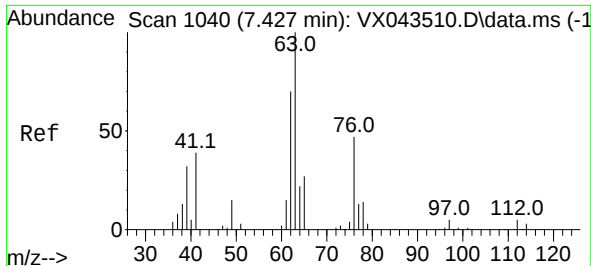
Tgt Ion: 95 Resp: 100142
Ion Ratio Lower Upper
95 100
97 61.9 43.3 80.5
132 91.0 63.7 118.3
130 96.8 67.8 125.8



#35
Methylcyclohexane
Concen: 48.856 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

Tgt Ion: 83 Resp: 154064
Ion Ratio Lower Upper
83 100
55 75.8 60.6 91.0
98 51.3 41.0 61.6

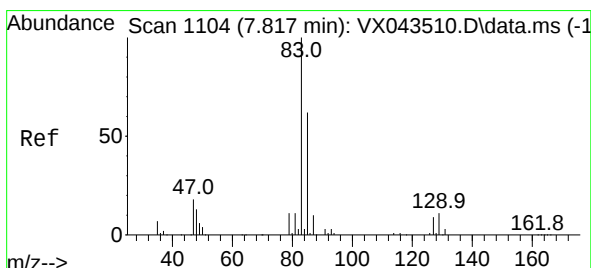
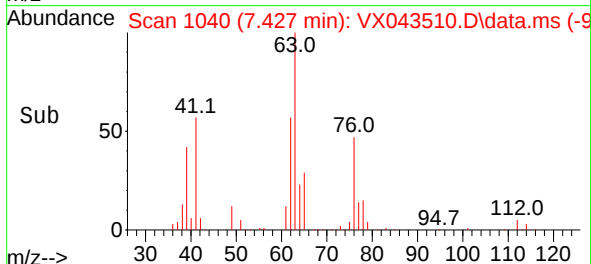
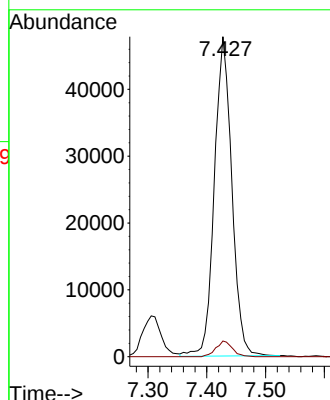
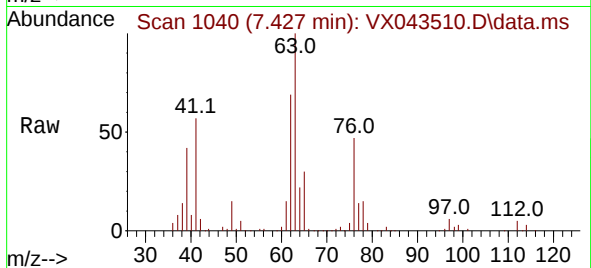




#37
1,2-Dichloropropane
Concen: 49.617 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

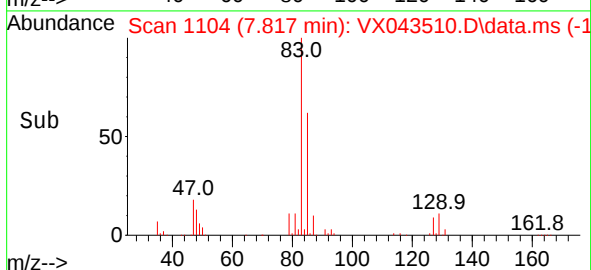
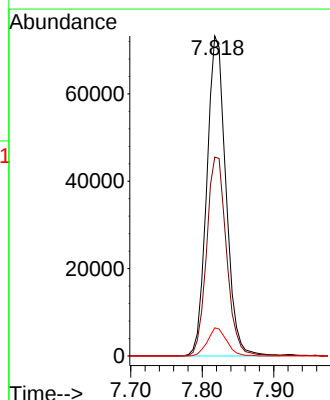
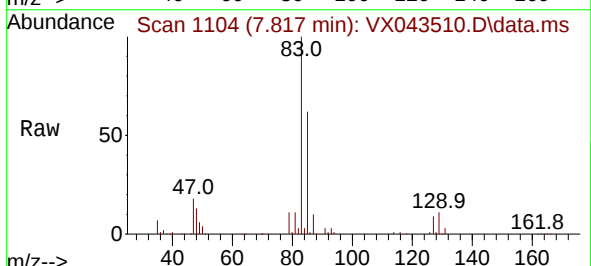
Instrument :
MSVOA_X
ClientSampleId :

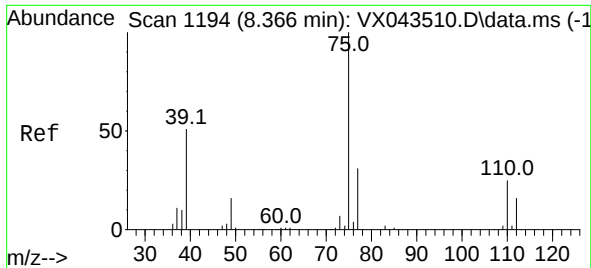
Tgt Ion: 63 Resp: 98638
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5



#38
Bromodichloromethane
Concen: 49.721 ug/L
RT: 7.817 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

Tgt Ion: 83 Resp: 136081
Ion Ratio Lower Upper
83 100
85 62.2 43.5 80.9
127 8.8 7.0 10.6

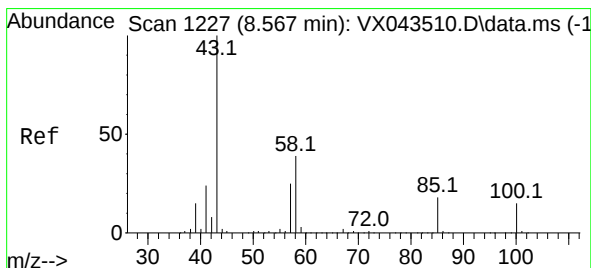
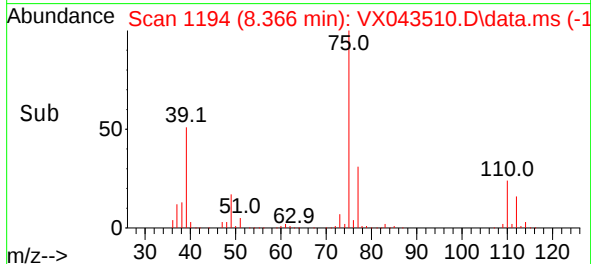
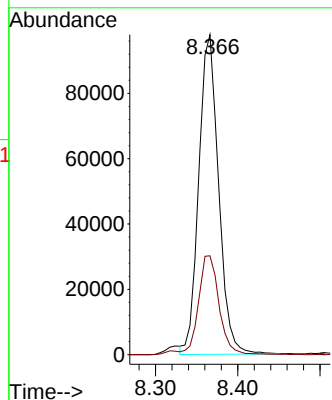
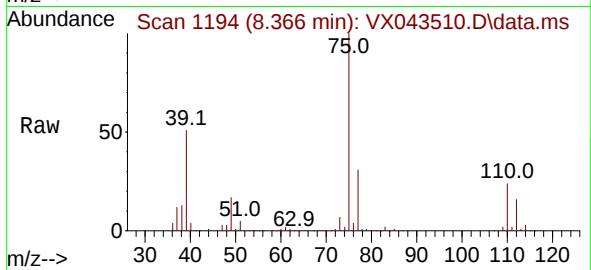




#39
cis-1,3-Dichloropropene
Concen: 49.872 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

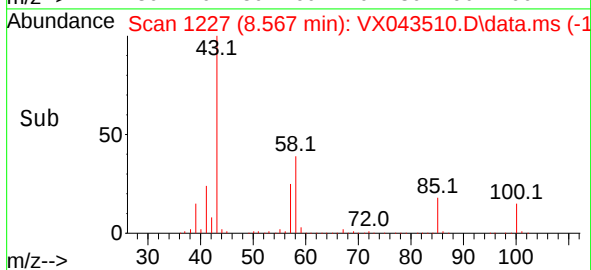
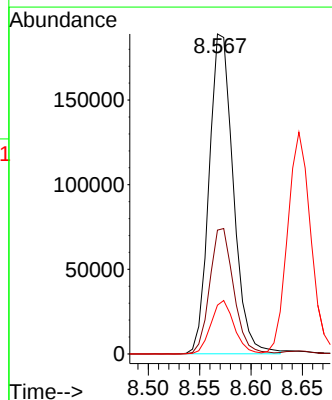
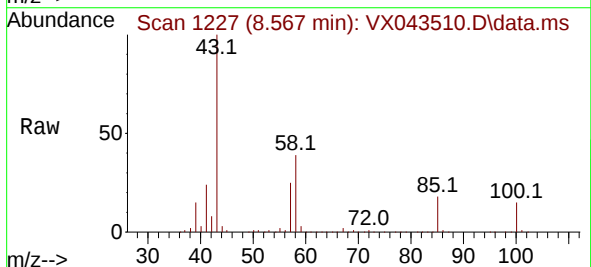
Instrument :
MSVOA_X
ClientSampleId :

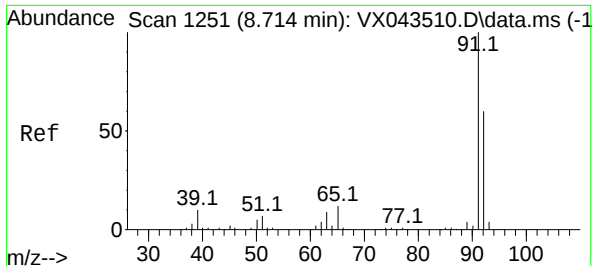
Tgt Ion: 75 Resp: 163888
Ion Ratio Lower Upper
75 100
77 30.9 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 99.865 ug/L
RT: 8.567 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

Tgt Ion: 43 Resp: 309324
Ion Ratio Lower Upper
43 100
58 38.9 31.1 46.7
100 16.2 13.0 19.4





#42

Toluene

Concen: 49.148 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

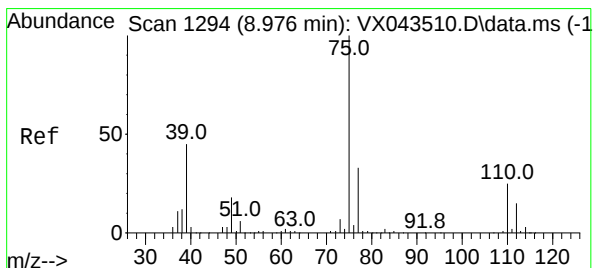
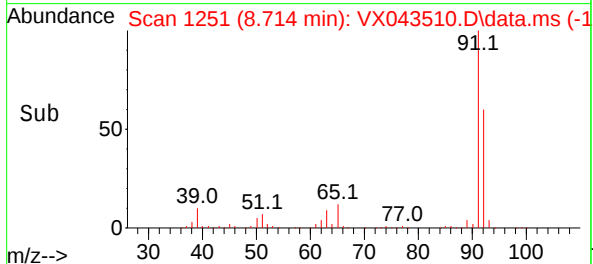
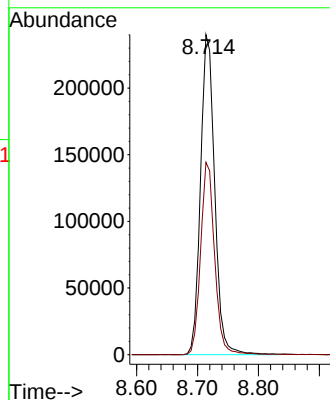
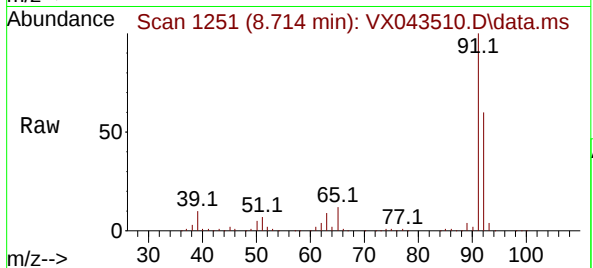
ClientSampleId :

Tgt Ion: 91 Resp: 388191

Ion Ratio Lower Upper

91 100

92 60.1 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 50.719 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043510.D

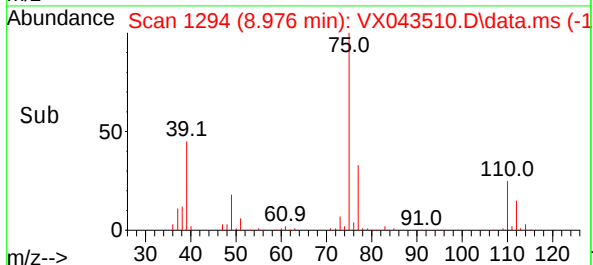
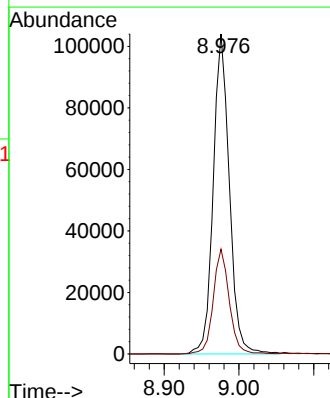
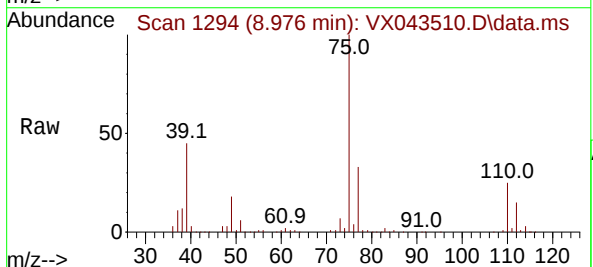
Acq: 25 Oct 2024 09:48

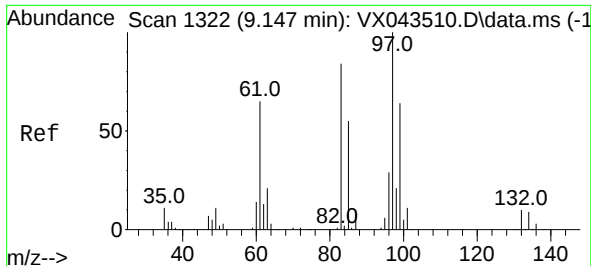
Tgt Ion: 75 Resp: 156077

Ion Ratio Lower Upper

75 100

77 32.7 22.9 42.5



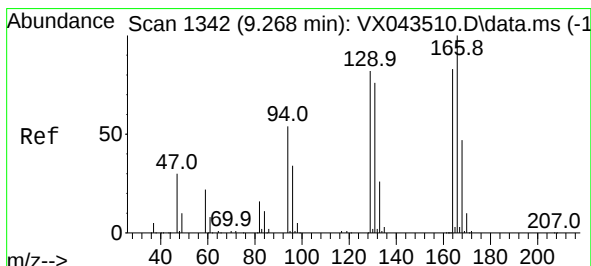
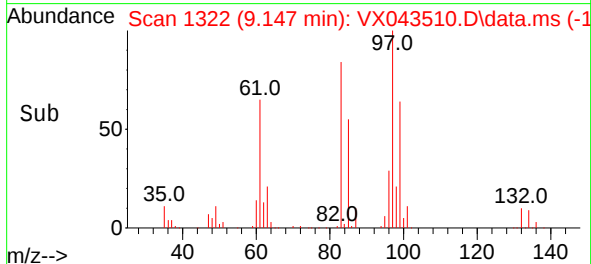
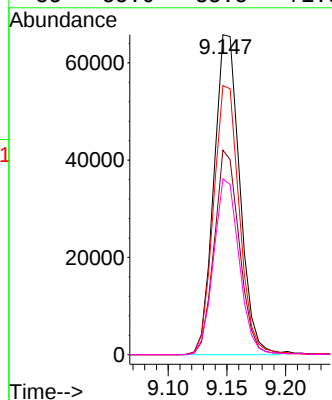
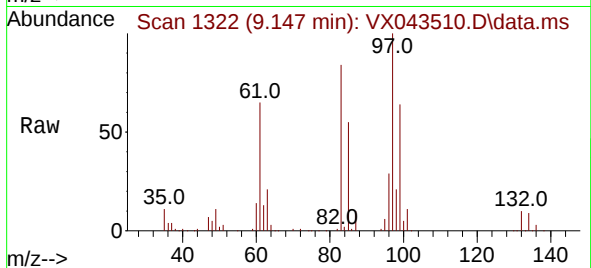


#45
1,1,2-Trichloroethane
Concen: 49.155 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 100611

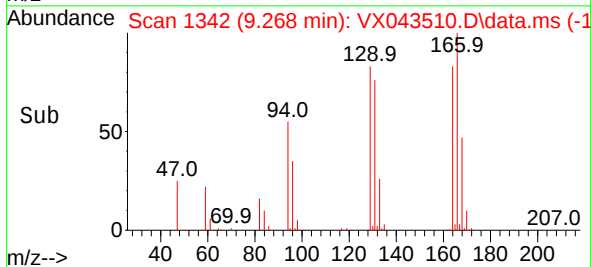
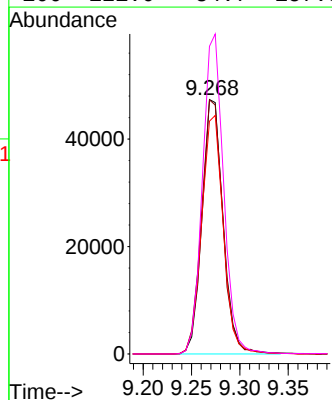
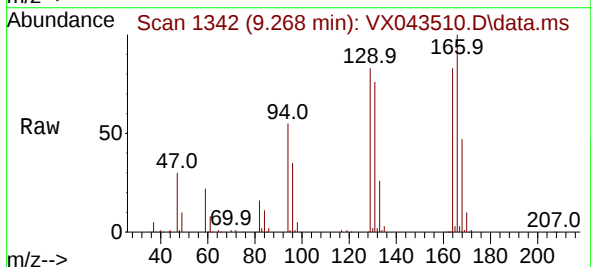
Ion	Ratio	Lower	Upper
97	100		
99	63.9	44.7	83.1
83	84.1	58.9	109.3
85	55.0	38.5	71.5

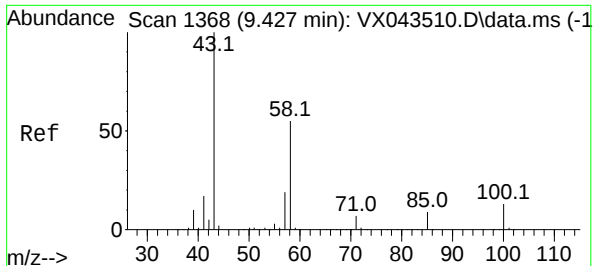


#46
Tetrachloroethene
Concen: 48.865 ug/L
RT: 9.268 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

Tgt Ion: 164 Resp: 71780

Ion	Ratio	Lower	Upper
164	100		
129	99.9	69.9	129.9
131	91.5	64.0	119.0
166	121.0	84.7	157.3





#48

2-Hexanone

Concen: 98.673 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 233464

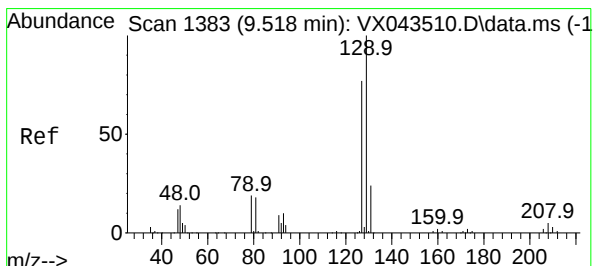
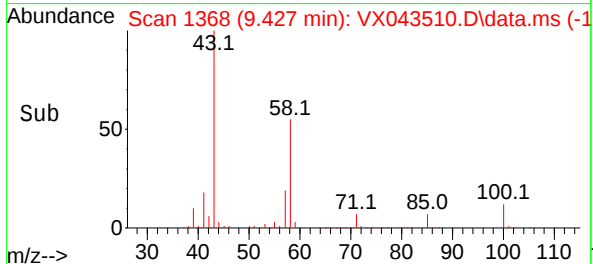
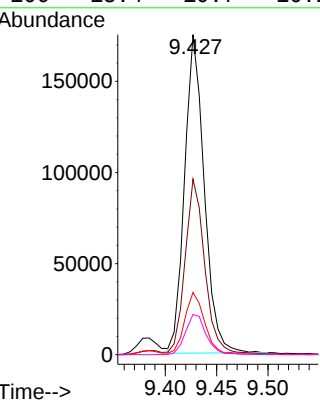
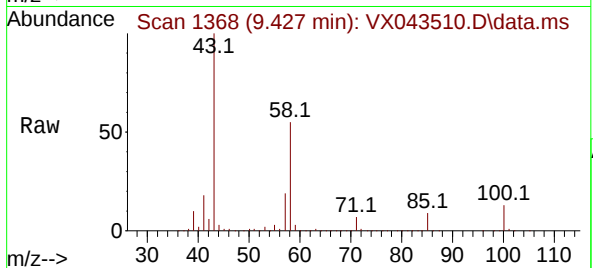
Ion Ratio Lower Upper

43 100

58 55.8 44.6 67.0

57 20.2 16.2 24.2

100 13.4 10.7 16.1



#49

Dibromochloromethane

Concen: 50.350 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX043510.D

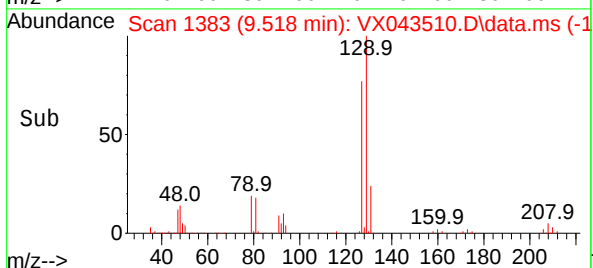
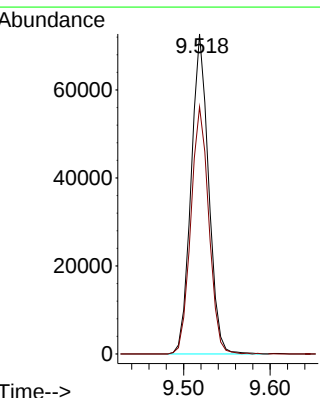
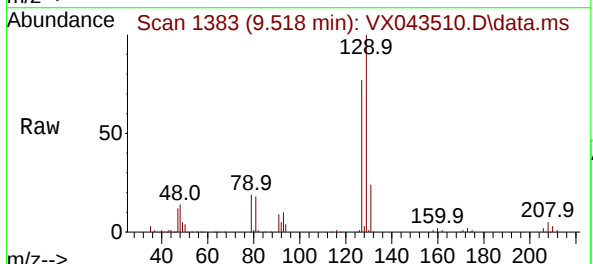
Acq: 25 Oct 2024 09:48

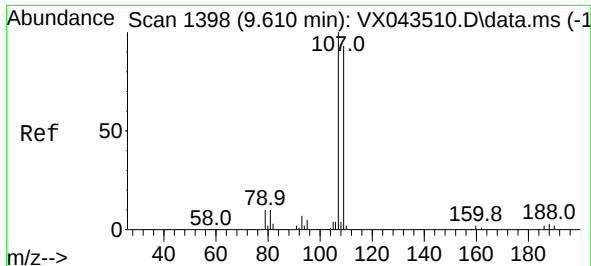
Tgt Ion:129 Resp: 102004

Ion Ratio Lower Upper

129 100

127 77.2 54.0 100.4





#50

1,2-Dibromoethane

Concen: 48.895 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

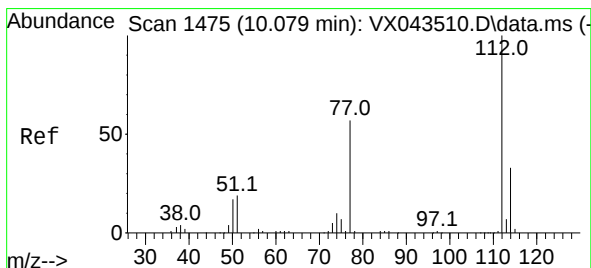
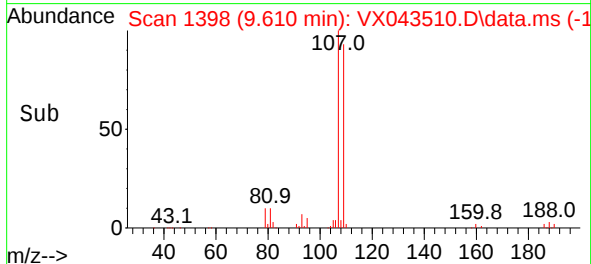
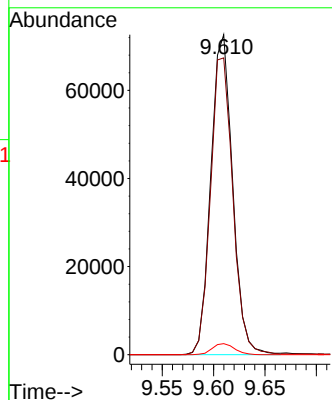
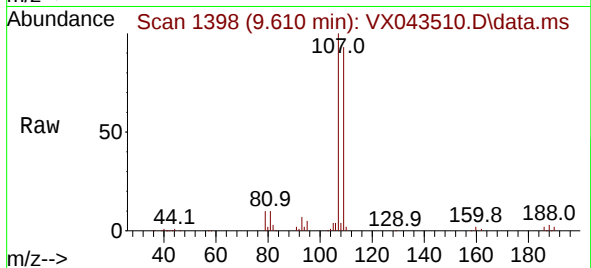
Tgt Ion:107 Resp: 106924

Ion Ratio Lower Upper

107 100

109 92.8 65.0 120.6

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 48.492 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

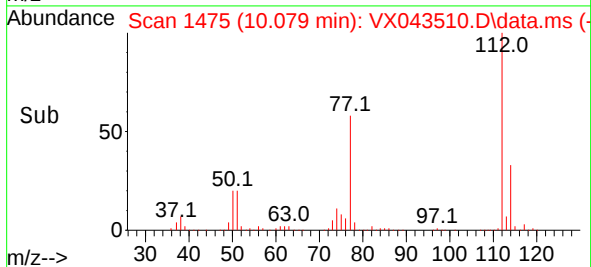
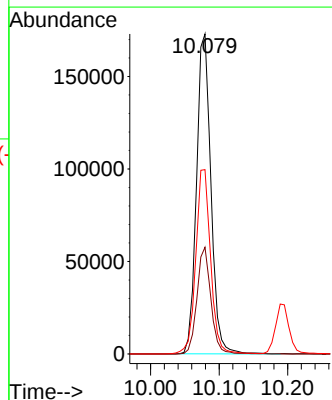
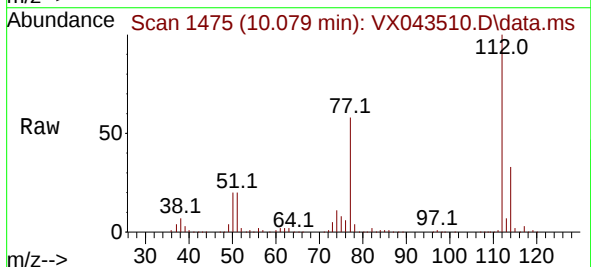
Tgt Ion:112 Resp: 252883

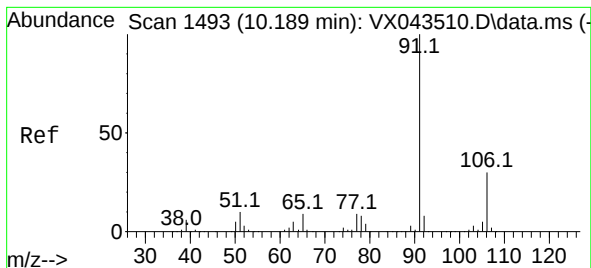
Ion Ratio Lower Upper

112 100

114 33.4 23.4 43.4

77 57.6 46.1 69.1





#52

Ethylbenzene

Concen: 48.751 ug/L

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

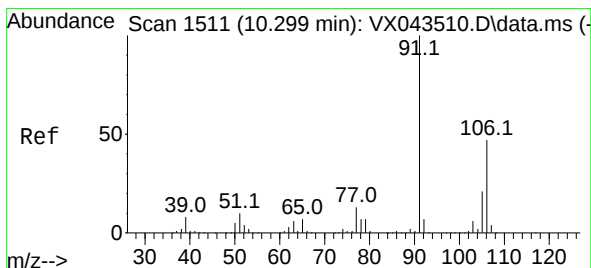
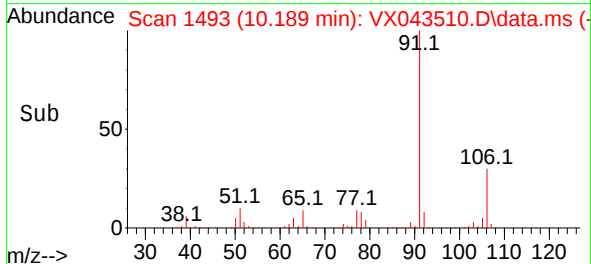
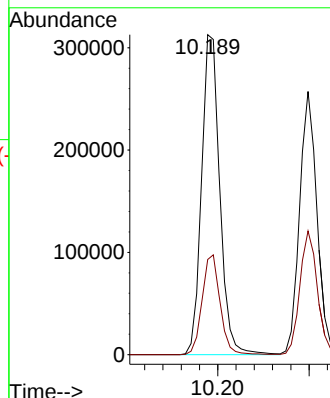
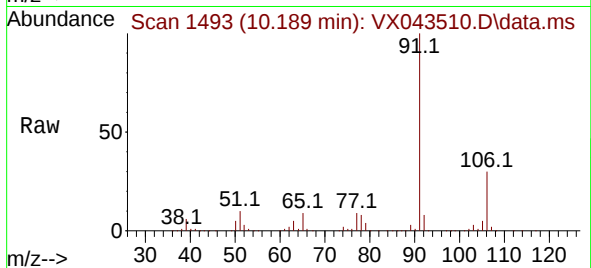
ClientSampleId :

Tgt Ion: 91 Resp: 431977

Ion Ratio Lower Upper

91 100

106 29.8 20.9 38.7



#53

m,p-Xylene

Concen: 49.189 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX043510.D

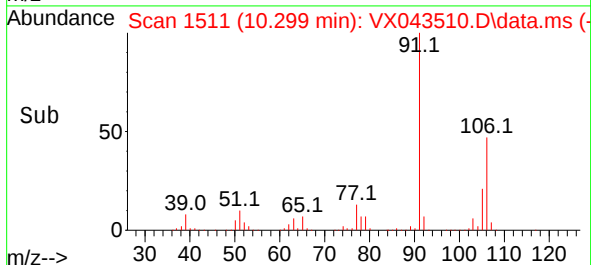
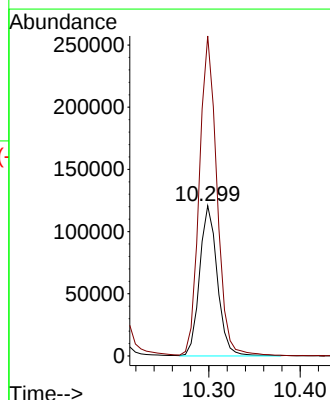
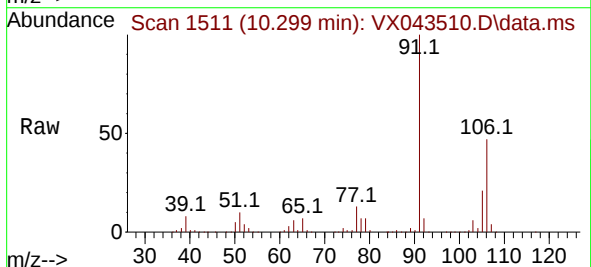
Acq: 25 Oct 2024 09:48

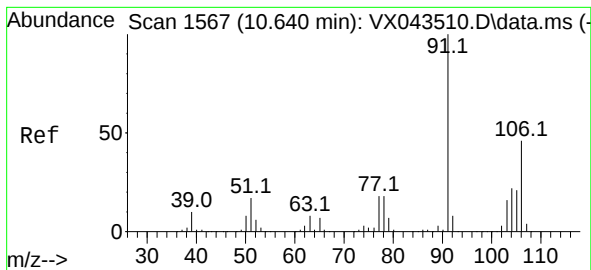
Tgt Ion:106 Resp: 162970

Ion Ratio Lower Upper

106 100

91 212.9 149.0 276.8

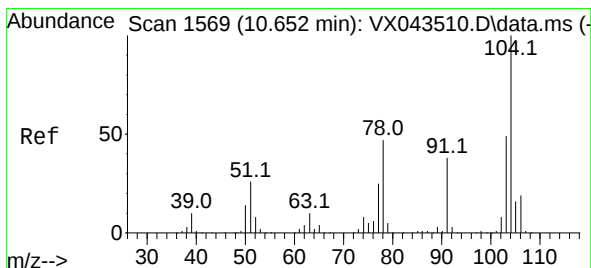
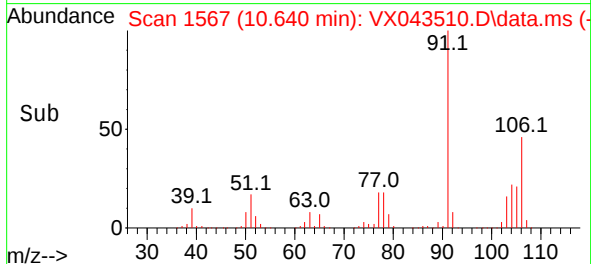
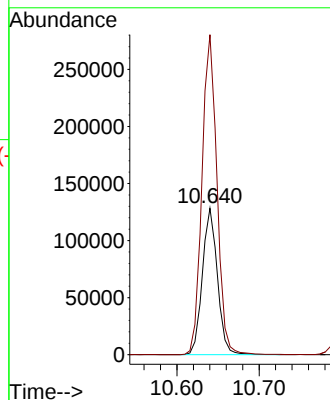
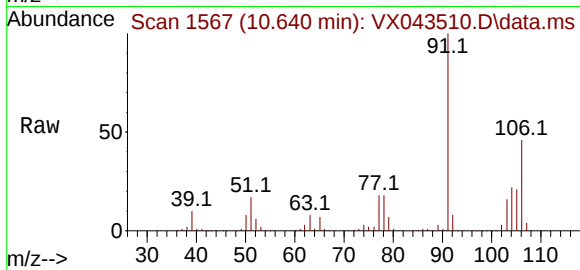




#54
o-Xylene
Concen: 49.059 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

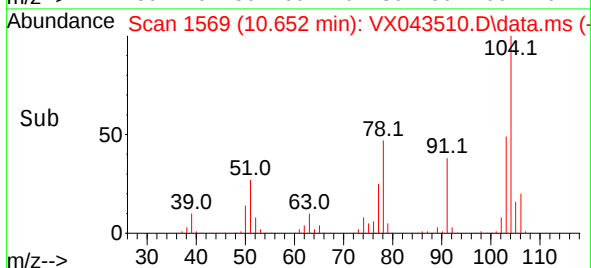
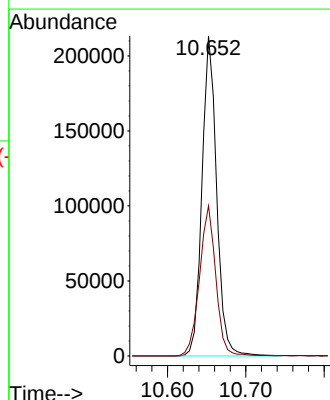
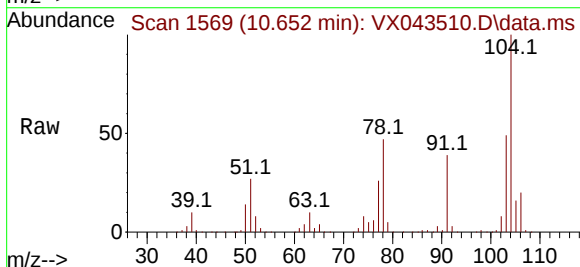
Instrument :
MSVOA_X
ClientSampleId :

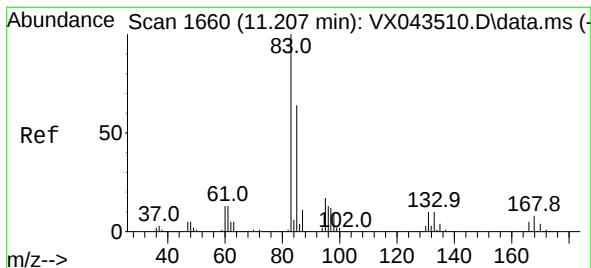
Tgt Ion:106 Resp: 162787
Ion Ratio Lower Upper
106 100
91 218.5 152.9 284.1



#55
Styrene
Concen: 49.729 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

Tgt Ion:104 Resp: 277241
Ion Ratio Lower Upper
104 100
78 46.9 32.8 61.0

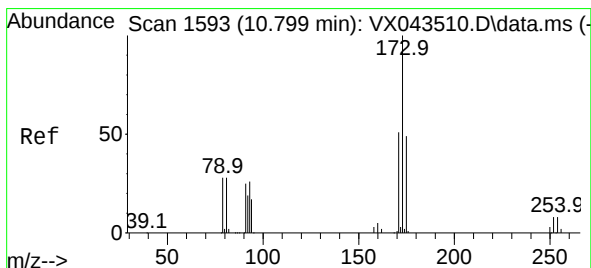
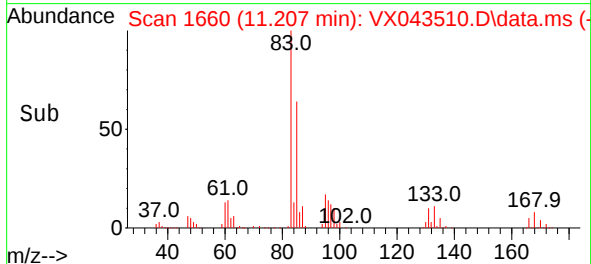
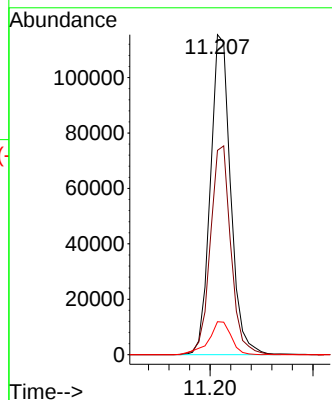
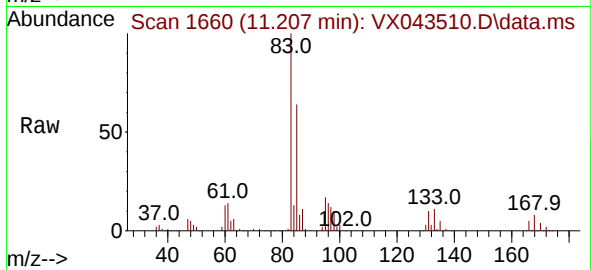




#57
1,1,2,2-Tetrachloroethane
Concen: 48.790 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

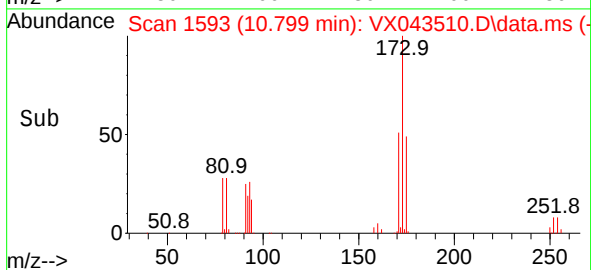
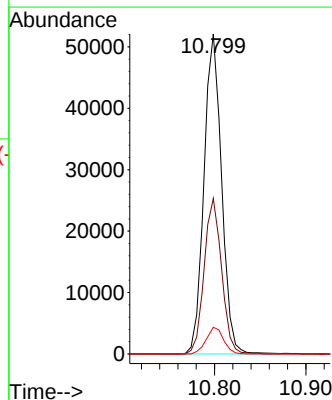
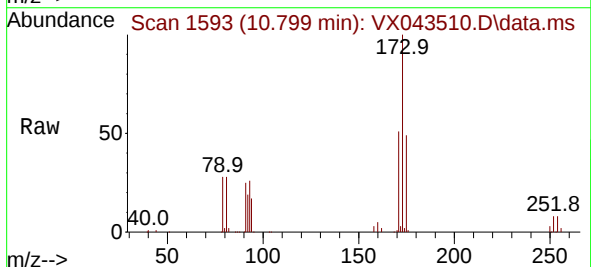
Instrument :
MSVOA_X
ClientSampleId :

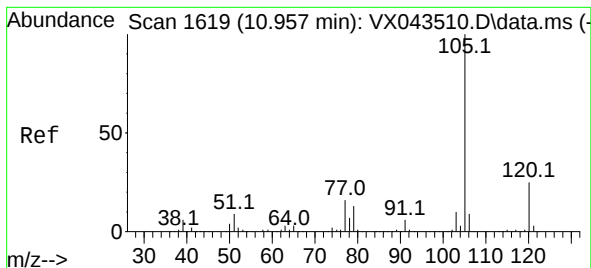
Tgt Ion: 83 Resp: 157585
Ion Ratio Lower Upper
83 100
85 63.8 44.7 82.9
131 10.3 8.2 12.4



#59
Bromoform
Concen: 50.648 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

Tgt Ion:173 Resp: 69614
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
254 8.2 6.6 9.8





#60

Isopropylbenzene

Concen: 49.578 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

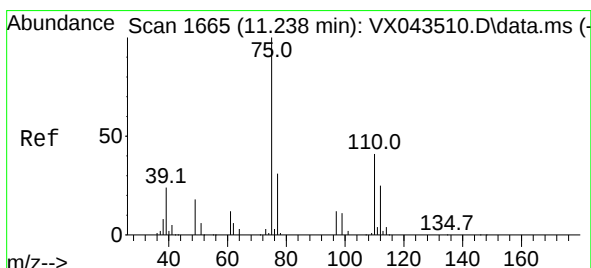
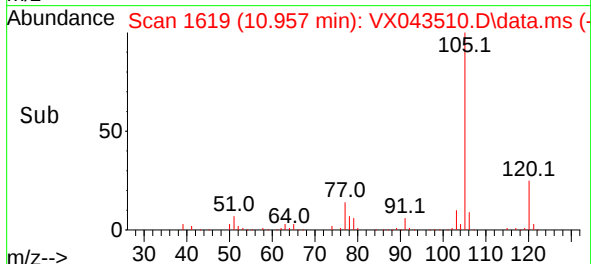
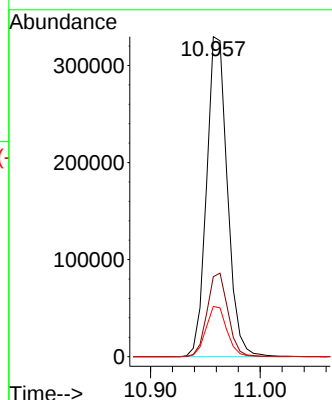
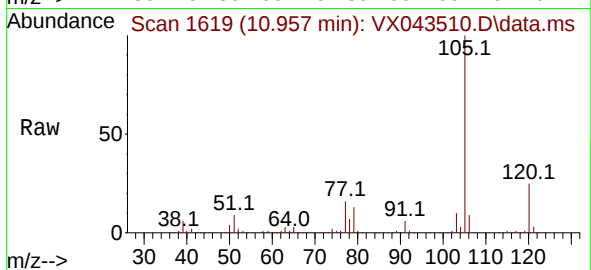
Tgt Ion:105 Resp: 434078

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 49.819 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

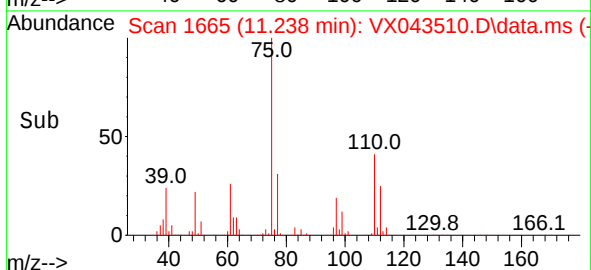
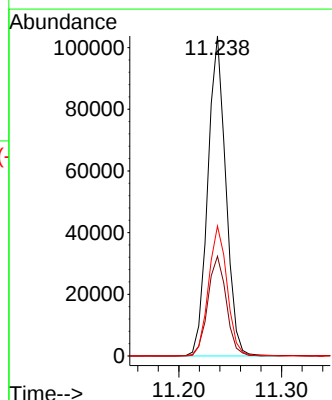
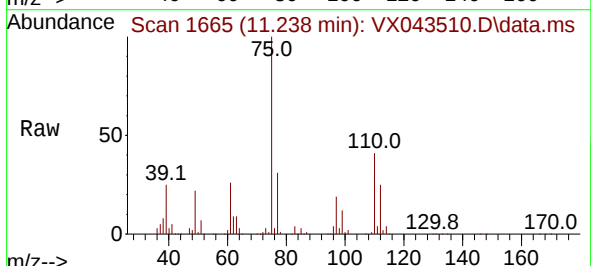
Tgt Ion: 75 Resp: 126152

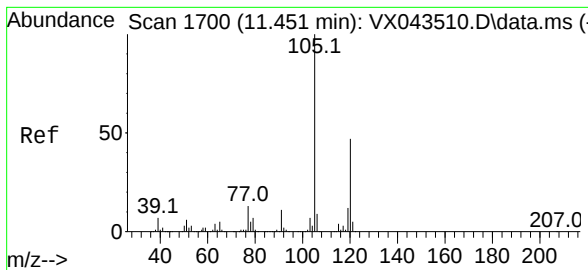
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

110 41.6 33.3 49.9

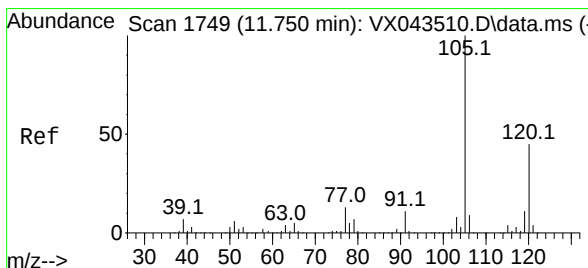
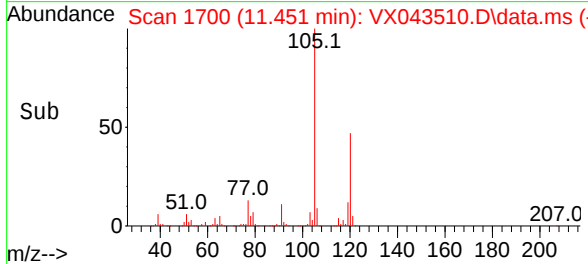
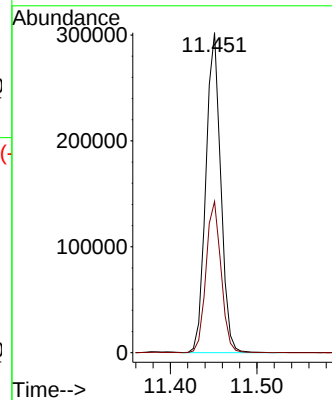
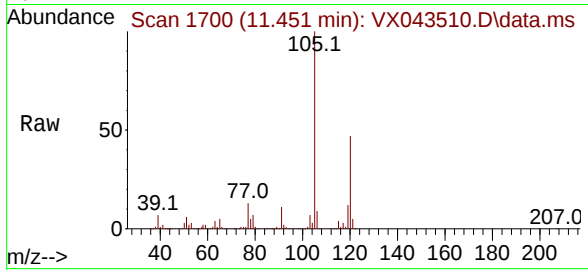




#62
1,3,5-Trimethylbenzene
Concen: 50.154 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

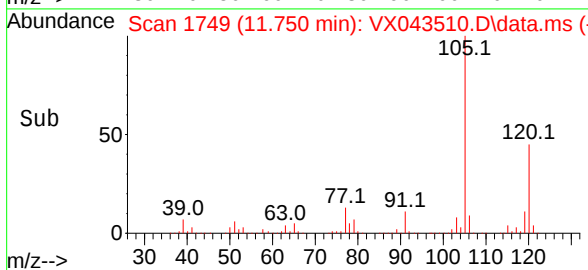
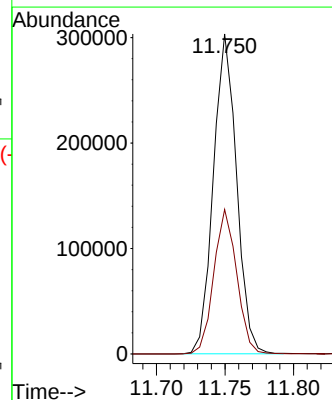
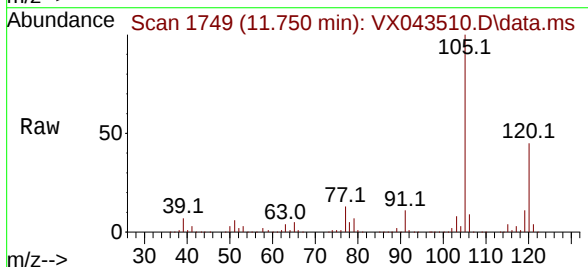
Instrument :
MSVOA_X
ClientSampleId :

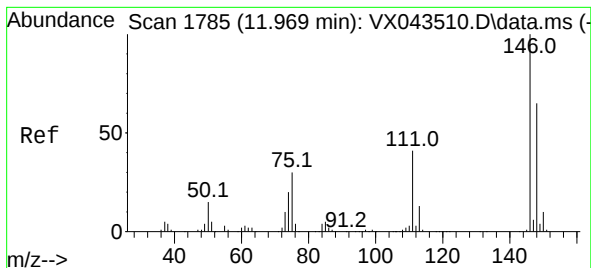
Tgt Ion:105 Resp: 360209
Ion Ratio Lower Upper
105 100
120 47.9 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 49.581 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX043510.D
Acq: 25 Oct 2024 09:48

Tgt Ion:105 Resp: 356509
Ion Ratio Lower Upper
105 100
120 44.8 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 48.898 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

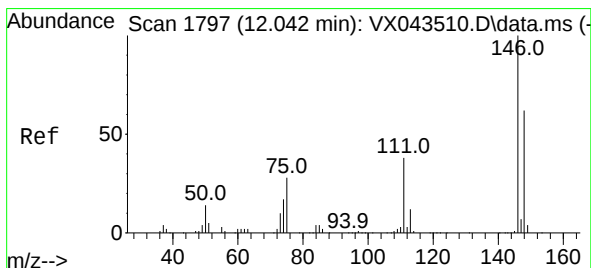
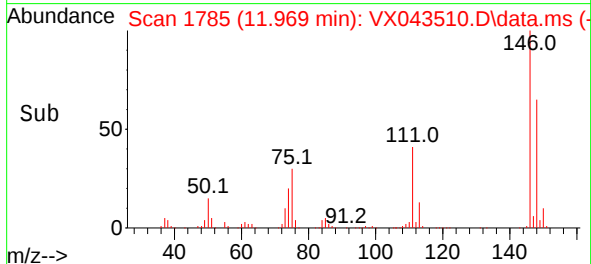
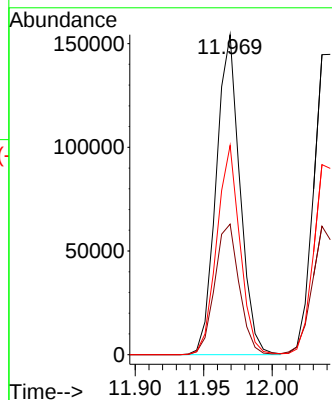
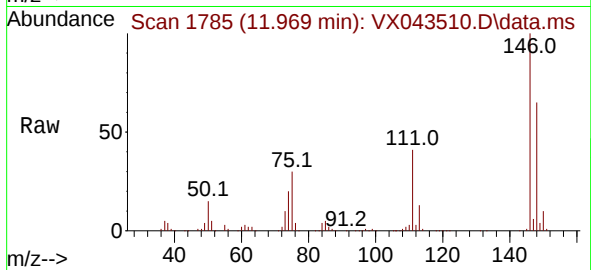
Tgt Ion:146 Resp: 185833

Ion Ratio Lower Upper

146 100

111 40.8 28.6 53.0

148 65.4 45.8 85.0



#65

1,4-Dichlorobenzene

Concen: 48.379 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

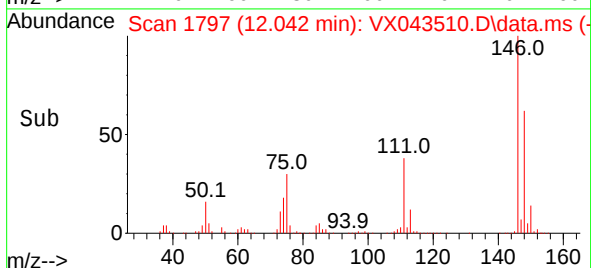
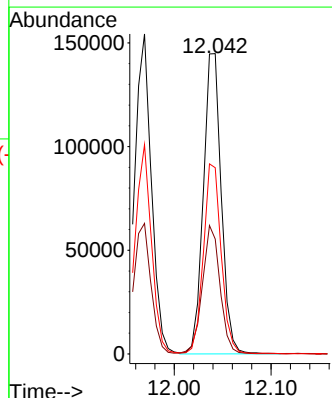
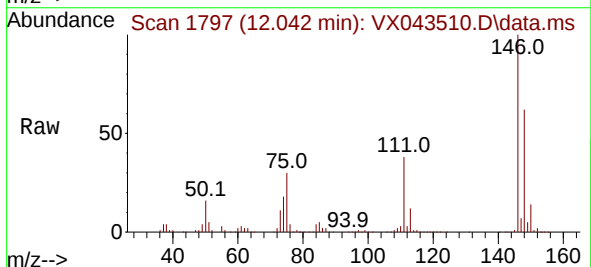
Tgt Ion:146 Resp: 187206

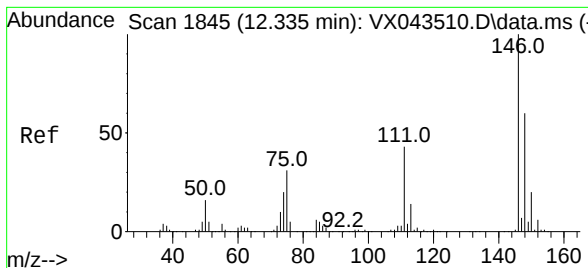
Ion Ratio Lower Upper

146 100

111 38.3 26.8 49.8

148 62.0 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 48.733 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

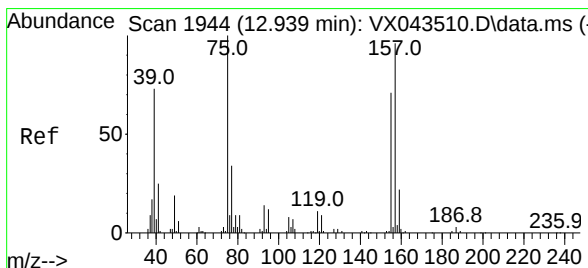
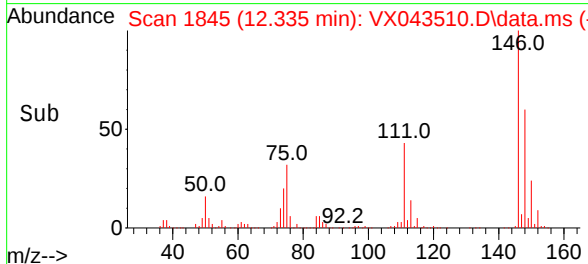
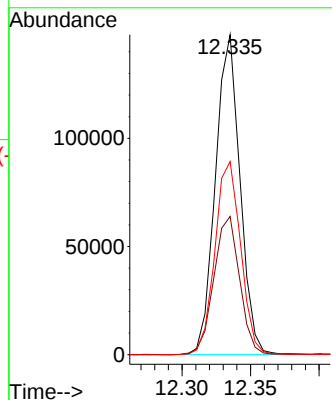
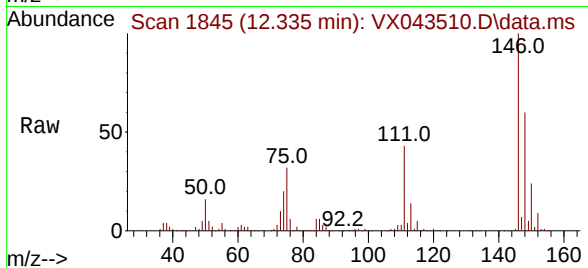
Tgt Ion:146 Resp: 184140

Ion Ratio Lower Upper

146 100

111 43.2 34.6 51.8

148 60.3 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 50.498 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

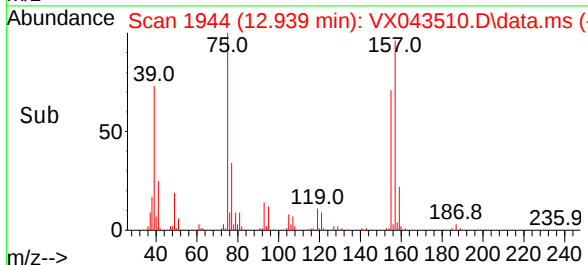
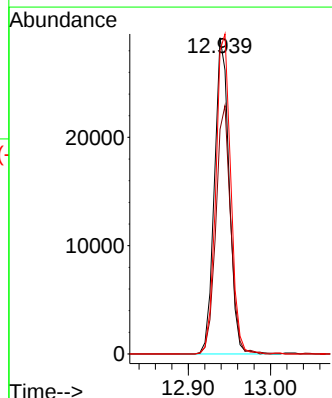
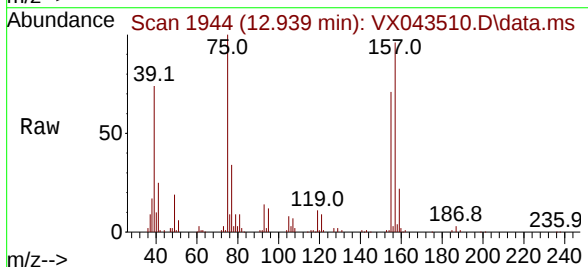
Tgt Ion: 75 Resp: 36257

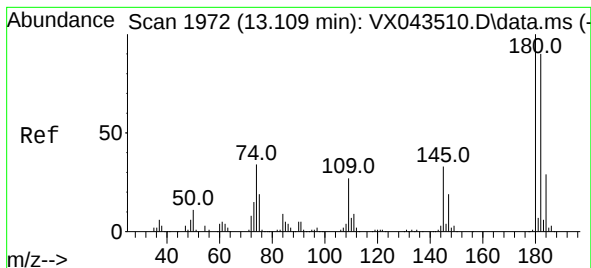
Ion Ratio Lower Upper

75 100

155 71.1 56.9 85.3

157 96.0 76.8 115.2





#69

1,3,5-Trichlorobenzene

Concen: 49.966 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

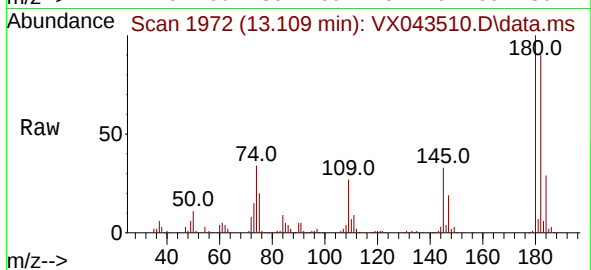
Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 127584

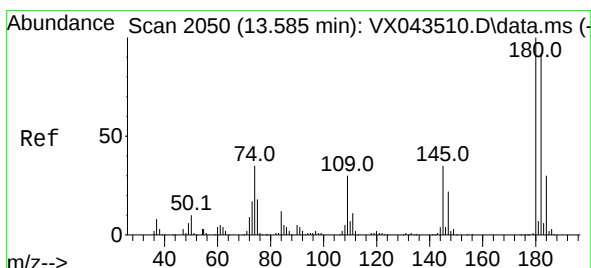
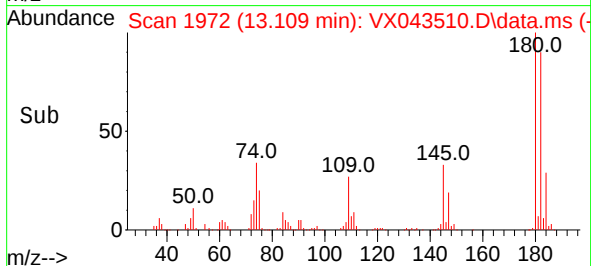
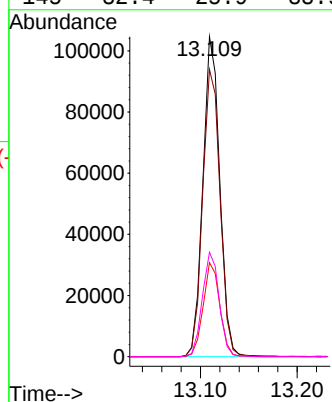
Ion Ratio Lower Upper

180 100

182 92.6 74.1 111.1

184 28.9 23.1 34.7

145 32.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 49.076 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

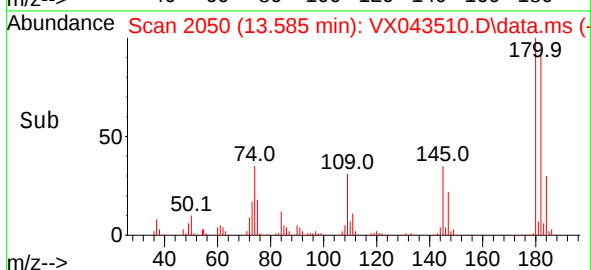
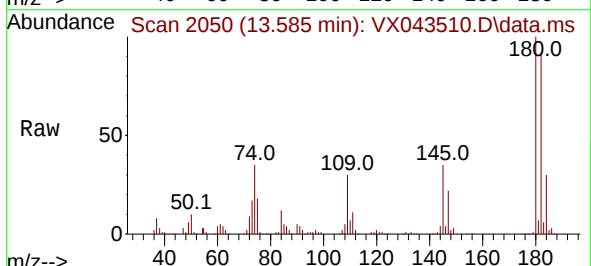
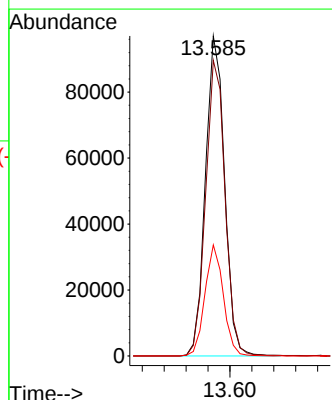
Tgt Ion:180 Resp: 117372

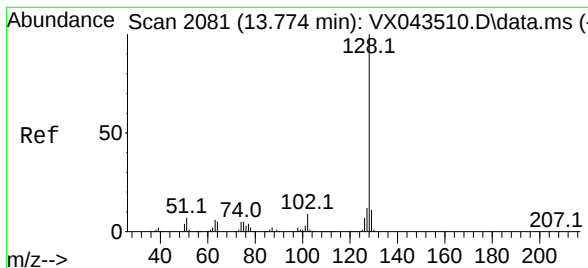
Ion Ratio Lower Upper

180 100

182 93.6 74.9 112.3

145 33.3 26.6 40.0





#71

Naphthalene

Concen: 49.824 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Instrument :

MSVOA_X

ClientSampleId :

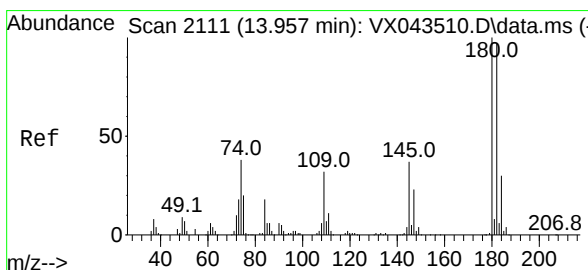
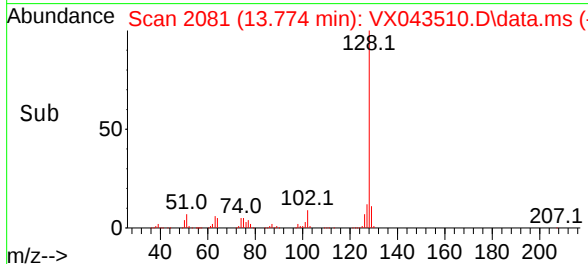
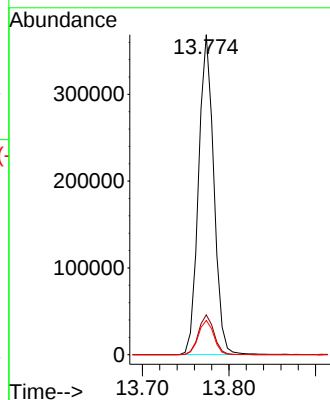
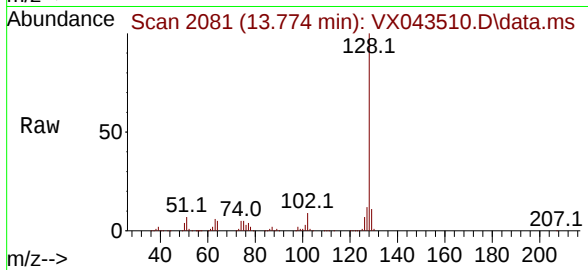
Tgt Ion:128 Resp: 449902

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.073 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX043510.D

Acq: 25 Oct 2024 09:48

Tgt Ion:180 Resp: 115036

Ion Ratio Lower Upper

180 100

182 96.7 77.4 116.0

145 35.8 28.6 43.0

